SHARP

MODEL

UX-108
UX-178
UX-188

FACSIMILE

OPERATION MANUAL

1. Installation
2. Sending Documents
3. Receiving Documents
4. Making Copies
5. Making Telephone Calls
6. Answering Machine Hookup
7. Special Functions
8. Option Settings
9. Printing Reports and Lists
10. Maintenance
11. Troubleshooting

WARNING — FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.

— Increase the separation between the equipment and the receiver.

— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

— Consult the dealer or an experienced radio/TV technician for help.

ABOUT THE TELEPHONE CONSUMER PROTECTION ACT OF 1991

"The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone facsimile machine unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission the following information:

(1) The date and time of transmission.

(2) Identification of either the business, business entity or individual sending the message.

(3) Telephone number of either the sending machine, business, business entity or individual.

In order to program this information into your facsimile machine, please refer to the appropriate instructions in the operation manual."

FOR YOUR RECORDS

Please record the model number and serial number below, for easy reference, in case of loss or theft. These numbers are located on the rear side of the unit.
Space is also provided for other relevant information.

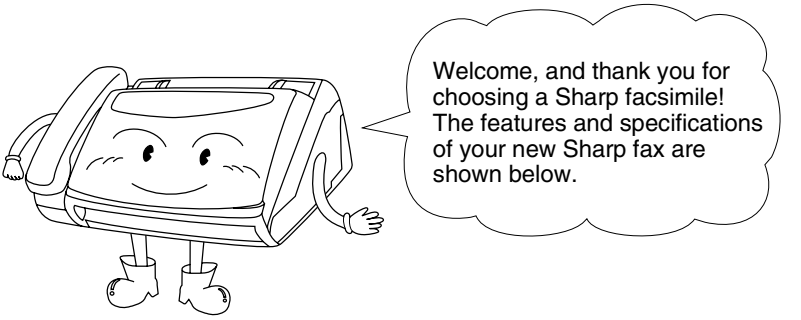
Model Number_____

Serial Number _____

Date of Purchase_____

Place of Purchase _____

Introduction


Welcome, and thank you for choosing a Sharp facsimile! The features and specifications of your new Sharp fax are shown below.

Automatic dialing	Rapid Key Dialing: 10 numbers Speed Dialing: 20 numbers
Fax paper	Initial starter roll (included with fax machine): 49 ft. (10 m) roll Recommended replacement roll: FO-40PRw 164 ft. (50 m) roll
Automatic document feeder	10 sheets max.
Paper cutting method	**UX-108**: Tear off by hand **UX-178/188**: Automatic cutter
Modem speed	9600 bps with automatic fallback to 7200, 4800, or 2400 bps
Transmission time*	Approx. 15 seconds (Sharp special mode)
Display	16-digit LCD display
Reception modes	Auto/Manual/Answering machine (for connecting answering machine)
Resolution	**Horizontal:** 203 pels/inch (8 pels/mm) **Vertical:** Standard: 98 lines/inch (3.85 lines/mm) Fine /Halftone: 196 lines/inch (7.7 lines/mm) Super fine: 391 lines/inch (15.4 lines/mm)
Recording system	Thermal recording
Halftone (grayscale)	64 levels

* Based on ITU-T Test Chart #1 at standard resolution in Sharp special mode, excluding time for protocol signals (i.e., ITU-T phase C time only).

Applicable telephone line	Public switched telephone network
Compatibility	ITU-T (CCITT) G3 mode
Configuration	Half-duplex, desktop transceiver
Compression scheme	MH, MR, Sharp
Scanning method	Sheet-feeder CIS (Contact Image Sensor)
Effective recording width	8.3 " (210 mm) max.
Input document size	**Automatic feeding:** Width: 5.8 to 8.5" (148 to 216 mm) Length: 5.5 to 11" (140 to 279 mm) **Manual feeding:** Width: 5.8 to 8.5" (148 to 216 mm) Length: 5.5 to 23.6"" (140 to 600 mm)
Effective scanning width	8.3" (210 mm) max.
Contrast control	Automatic/Dark selectable
Copy function	Standard
Telephone function	Standard (cannot be used if power fails)
Power requirements	120 V AC, 60 Hz
Operating temperature	41 to 95°F (5 to 35°C)
Humidity	Maximum: 85 %
Power consumption	Stand-by: 6.0 W Maximum: 100 W
Dimensions	Width: 12.1" (308 mm) Depth: 10.4" (256 mm) Height: 5.4" (138 mm)
Weight	**UX-108:** Approx. 5.5 lbs. (2.5 kg) **UX-178/UX-188:** Approx. 5.7 lbs. (2.6 kg)

As a part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

Important safety information

- Do not disassemble this machine or attempt any procedures not described in this manual. Refer all servicing to qualified service personnel.

- This machine must only be connected to a 120 V, 60 Hz, grounded (3-prong) outlet. Connecting it to any other kind of outlet will damage the machine and invalidate the warranty.

- Do not install or use the machine near water, or when you are wet. Take care not to spill any liquids on the machine.

- Unplug the machine from the power outlet and telephone jack and consult a qualified service representative if any of the following situations occur:
  - Liquid has been spilled into the machine or the machine has been exposed to rain or water.
  - The machine produces odors, smoke, or unusual noises.
  - The power cord is frayed or damaged.
  - The machine has been dropped or the housing damaged.

- Do not allow anything to rest on the power cord, and do not install the machine where people may walk on the power cord.

- Never insert objects of any kind into slots or openings on the machine. This could create a risk of fire or electric shock. If an object falls into the machine that you cannot remove, unplug the machine and consult a qualified service representative.

- Do not place this machine on an unstable cart, stand or table. The machine could be seriously damaged if it falls.

- Never install telephone wiring during a lightning storm.

- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

- Never touch bare telephone wires or terminals unless the telephone line has been disconnected at the network interface.

- Use caution when installing or modifying telephone lines.

- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use a telephone to report a gas leak in the vicinity of the leak.
- The power outlet must be installed near the equipment and must be easily accessible.

Important:

- This facsimile machine is not designed for use on a line which has call waiting, call forwarding, or certain other special services offered by your telephone company. If you attempt to use the fax machine in conjunction with any of these services, you may experience errors during transmission and reception of facsimile messages.
- This fax machine is not compatible with digital telephone systems.

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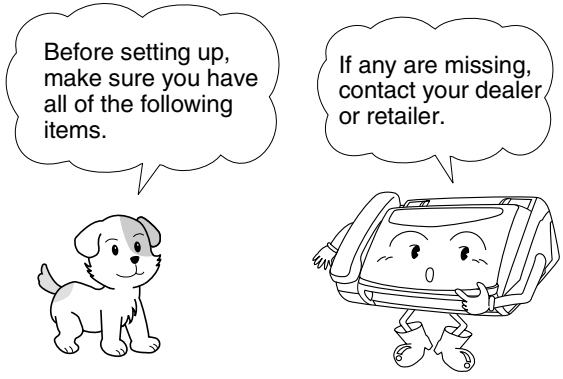
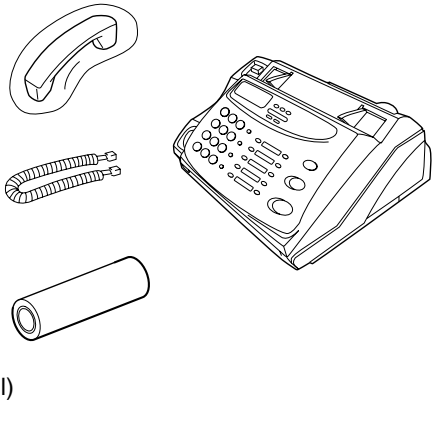
Chapter 1

Installation

Unpacking Checklist





Handset

Handset cord

Fax paper (sample roll)

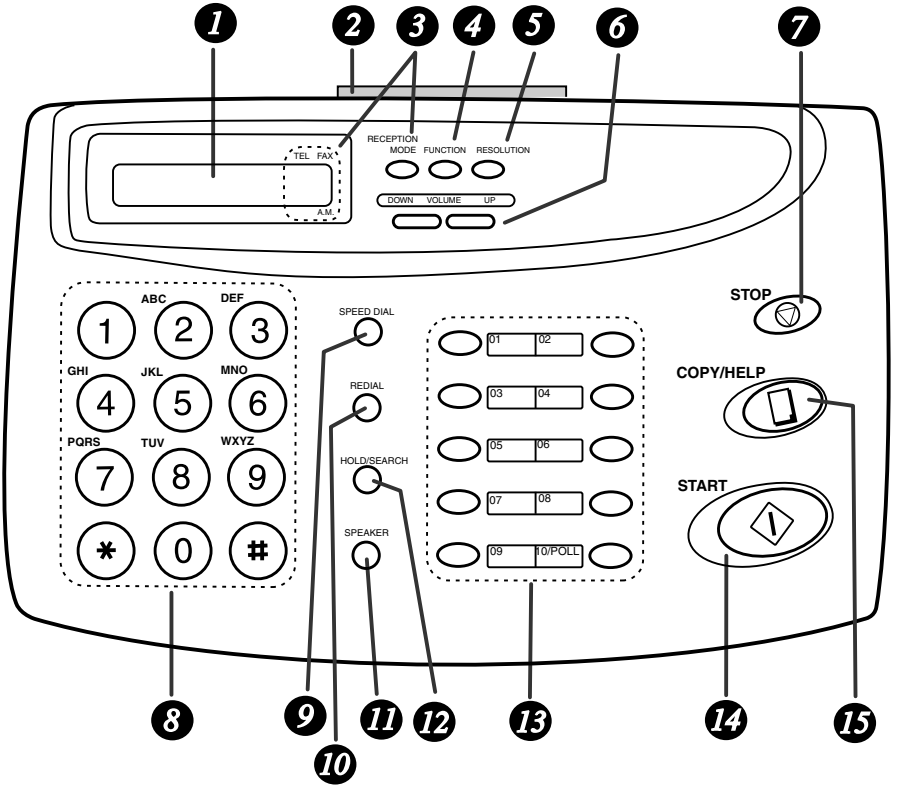
Rapid key labels

Operation manual

Telephone line cord

Quick reference guide

A Look at the Operation Panel



1 **Display**
This displays various messages during operation and programming.

2 **PANEL RELEASE**
Pull this release toward you to open the operation panel.

3 **RECEPTION MODE key**
Press this key to select the reception mode. An arrow in the display will point to the currently selected reception mode.

4 **FUNCTION key**
Press this key to select various special functions.

5 **RESOLUTION key**
Press this key to adjust the resolution and contrast before sending or copying a document.

6 **VOLUME keys**
Press these keys to adjust the volume of the handset when the handset is lifted, the volume of the speaker when the **SPEAKER** key has been pressed, or the volume of the ringer at all other times.

7 **STOP key**
Press this key to stop operations before they are completed.

8 **Number keys**
Use these keys to dial numbers, and enter numbers and letters during number/name storing procedures.

9 **SPEED DIAL key**
Press this key to dial a 2-digit Speed Dial number.

10 **REDIAL key**
Press this key to automatically redial the last number dialed.

11 **SPEAKER key**
Press this key to hear the line and fax tones through the speaker when sending a document.
Note: **This is not a speakerphone**. You must pick up the handset to talk with the other party.

12 **HOLD/SEARCH key**
Press this key to search for an automatic dialing number, or, during a phone conversation, press this key to put the other party on hold.

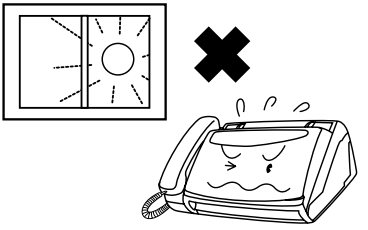
13 **Rapid Dial keys**
Press one of these keys to dial a fax or voice number automatically. (Note that you must attach the Rapid Key labels.)

14 **START key**
Press this key to send or receive a document.

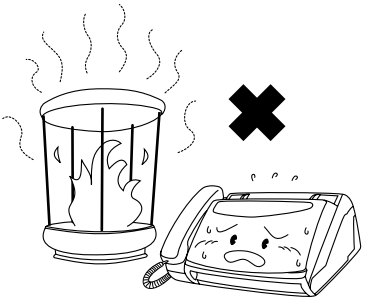
15 **COPY/HELP key**
When a document is in the feeder, press this key to make a copy. At any other time, press this key to print out the Help List, a quick reference guide to the operation of your fax.

Connections

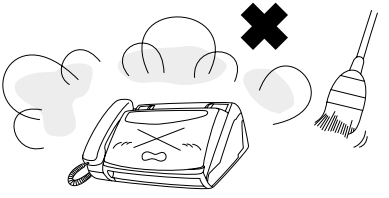
Points to keep in mind when setting up



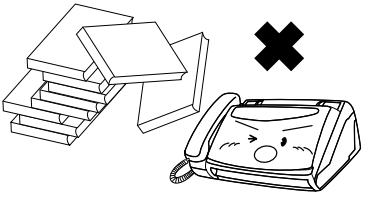
Do not place the machine in direct sunlight.



Do not place the machine near heaters or air conditioners.



Keep dust away from the machine.



Keep the area around the machine clear.

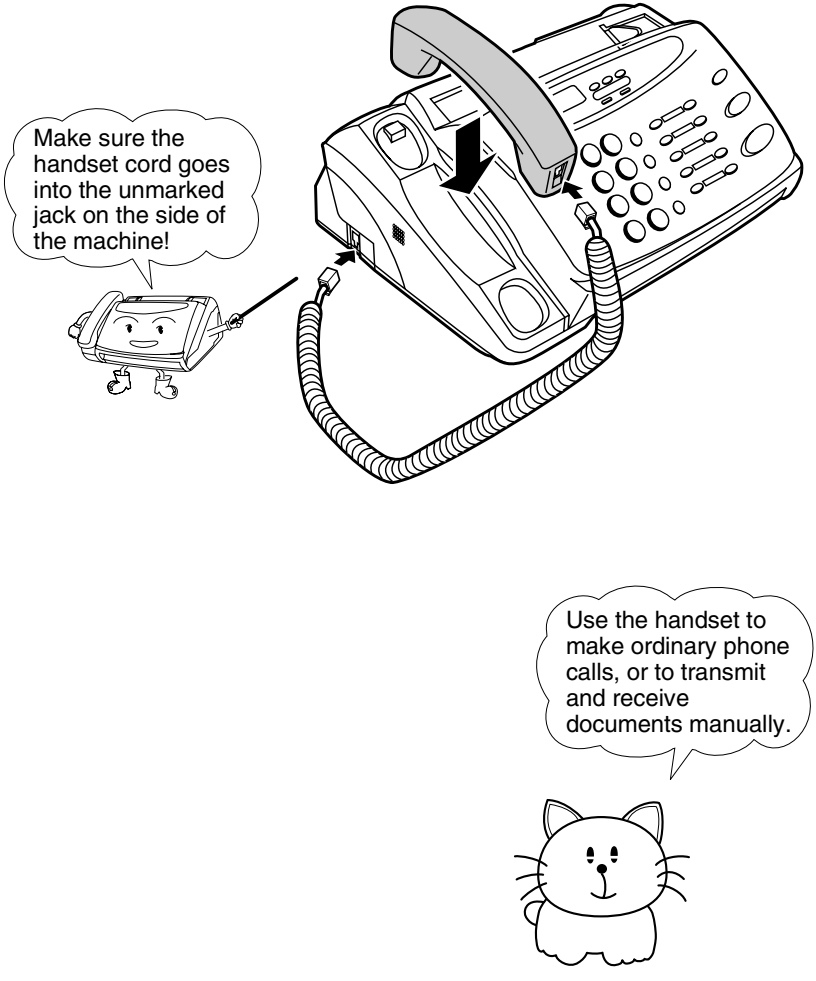
About condensation

If the machine is moved from a cold to a warm place, it is possible that condensation may form on the scanning glass, preventing proper scanning of documents for transmission. To remove the condensation, turn on the power and wait approximately two hours before using the machine.

Handset

Connect the handset as shown and place it on the handset rest.

- The ends of the handset cord are identical, so they will go into either jack.

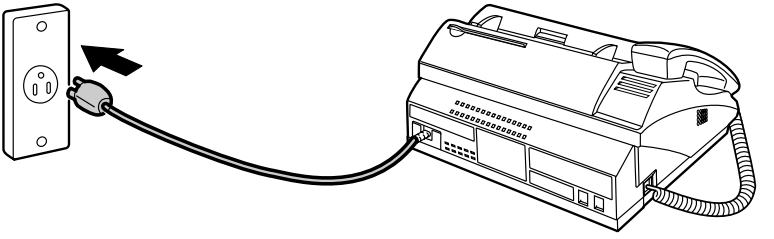

Make sure the handset cord goes into the unmarked jack on the side of the machine!
Use the handset to make ordinary phone calls, or to transmit and receive documents manually.

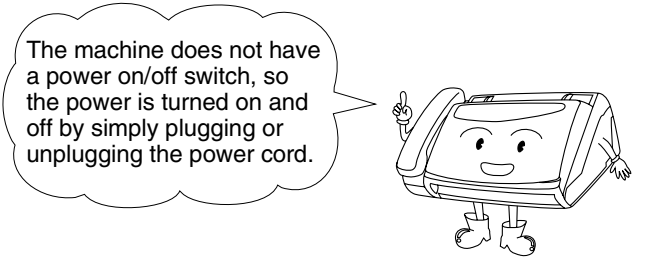
Power cord

Plug the power cord into a 120 V, 60 Hz, grounded (3-prong) AC outlet.

Caution!

Do not plug the power cord into any other kind of outlet. This will damage the machine and is not covered under the warranty.

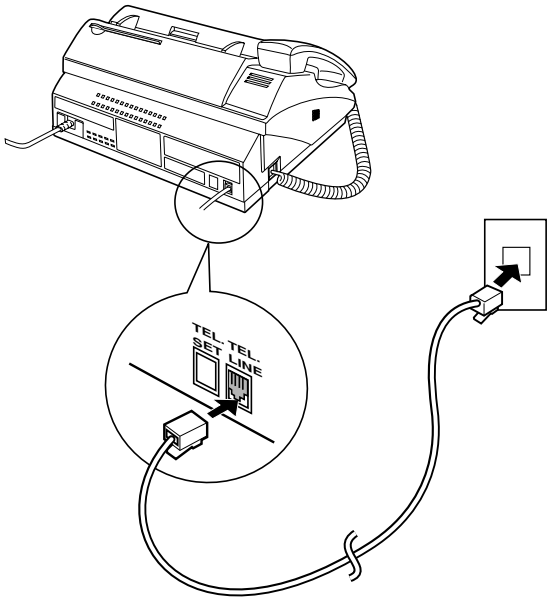


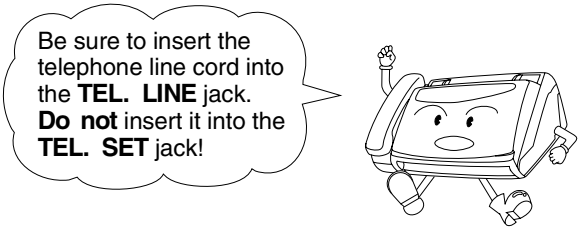

The machine does not have a power on/off switch, so the power is turned on and off by simply plugging or unplugging the power cord.

Note: If your area experiences a high incidence of lightning or power surges, we recommend that you install surge protectors for the power and telephone lines. Surge protectors can be purchased at most telephone specialty stores.

Telephone line cord

Insert one end of the telephone line cord into the **TEL. LINE** jack. Insert the other end into a standard (RJ11C) single-line telephone wall jack.





Comments:

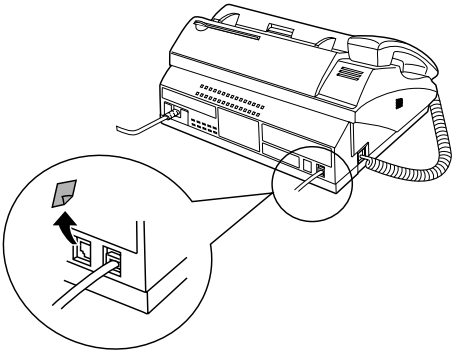
- Your fax is set for touch-tone dialing. If you are on a pulse dial (rotary) line, you must set the fax for pulse dialing by changing Option Setting 8. This procedure is described in Chapter 8, "Option Settings".
- If you intend to use a computer fax modem on the same phone line, you must reset Option Setting 12 (Fax Signal Receive) to NO in order to prevent transmission and reception errors. This procedure is described in Chapter 8, "Option Settings".

Extension phone (optional)

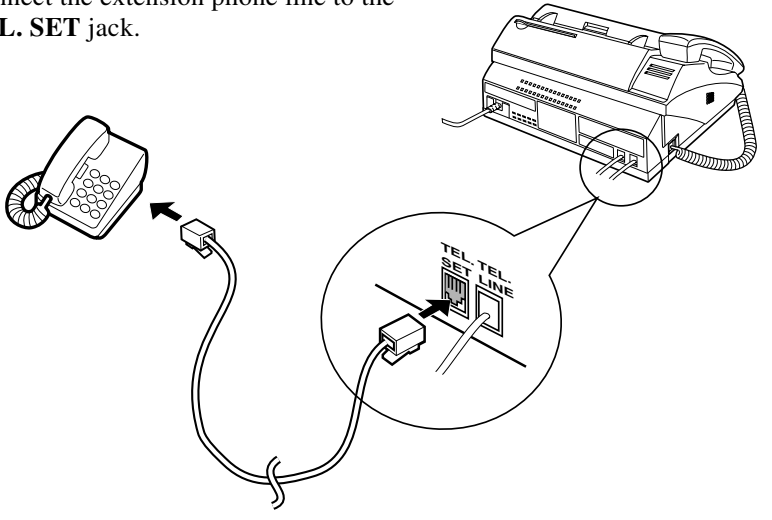
If desired, you can connect an extension phone to the **TEL. SET** jack on the fax.

- To connect an answering machine to the fax, see Chapter 6, "Answering Machine Hookup".

1 Remove the seal covering the **TEL. SET** jack.

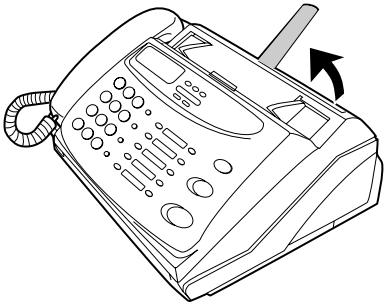


2 Connect the extension phone line to the **TEL. SET** jack.

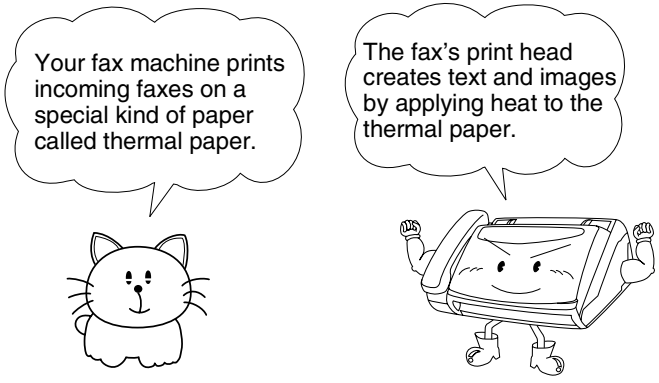


Original Document Support

Rotate the original document support so that it points straight out.

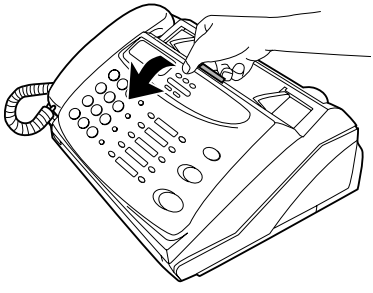


Loading the Fax Paper

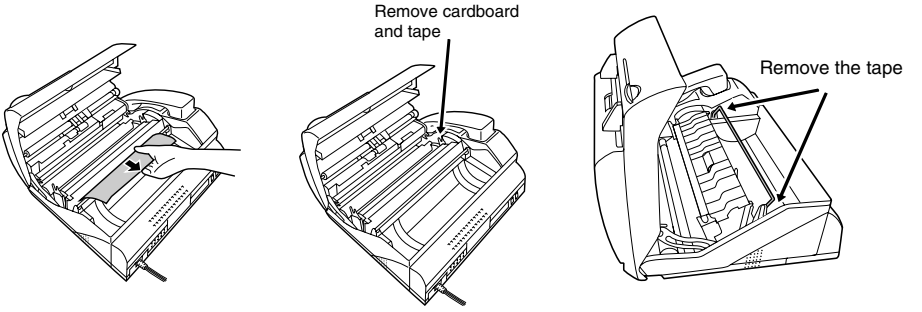

Your fax machine prints incoming faxes on a special kind of paper called thermal paper.
The fax's print head creates text and images by applying heat to the thermal paper.

Note: The power must be on (plug in the power cord) when loading fax paper in the fax machine.

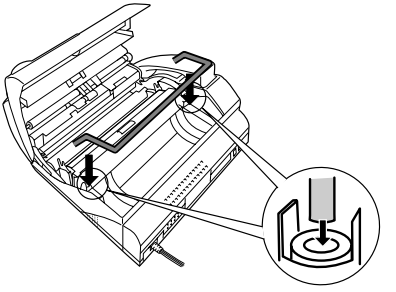
1 Pull the release marked **PANEL RELEASE** toward you and open the operation panel.



2 Remove the packing paper from the paper compartment.

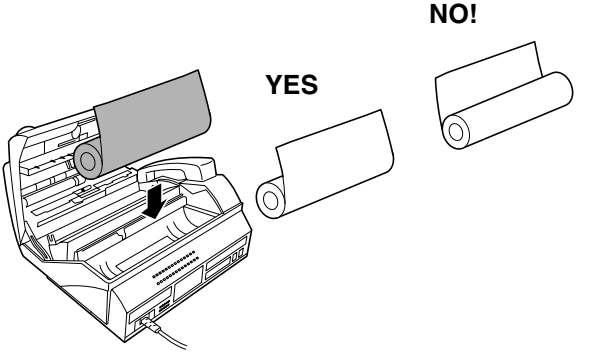


3 **UX-108 only:** Make sure the ends of the guide wire are inserted in the holes. (If the guide wire is not inseted correctly, out-of-paper detection will not be possible.)

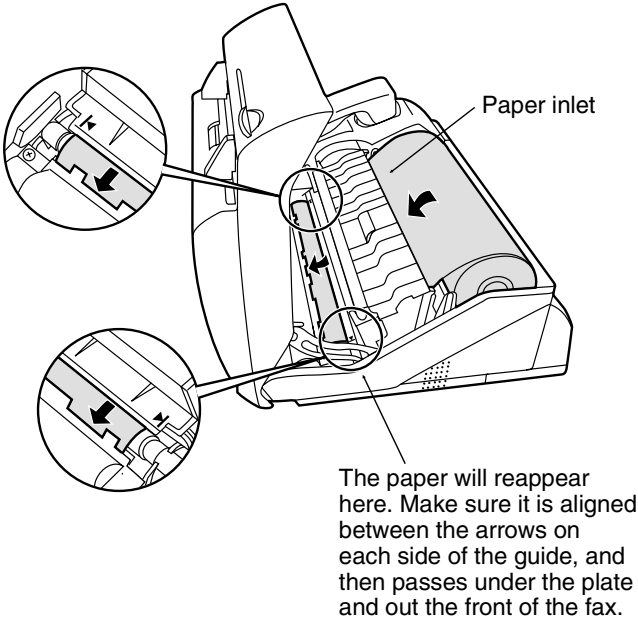


4 Unwrap the roll of fax paper and place it in the compartment.

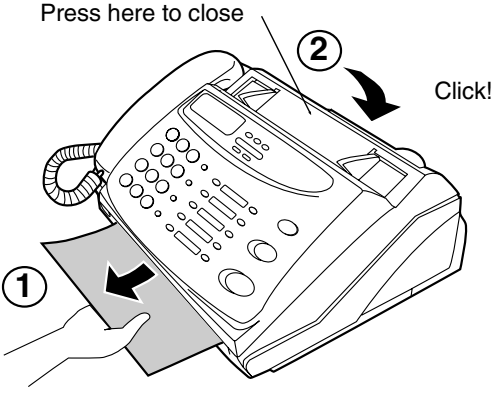
- **Important:** The roll must be placed so that the leading edge of the paper unrolls as shown. (The paper is only coated on one side for printing. If the roll is placed backwards, the paper will come out blank after printing.)



5 Insert the leading edge of the paper into the paper inlet. Continue to push the paper through the inlet until it comes out of the opening in the front of the fax.


Paper inlet
The paper will reappear here. Make sure it is aligned between the arrows on each side of the guide, and then passes under the plate and out the front of the fax.

6 Close the operation panel, making sure it clicks into place.



7 **UX-108:** A short length of the fax paper will feed out. Grasp the paper by the edge and pull upward to tear it off.

UX-178/UX-188: A short length of the fax paper will feed out and be cut off. (If this doesn't happen, repeat the loading procedure.)

Note: The UX-178/UX-188 has a built-in anti-curl mechanism that will help to reduce paper curling problems. The anti-curl mechanism is more effective at the beginning of the paper roll and less effective towards the end.

Replacing the fax paper

When the paper runs out, OUT OF PAPER will appear in the display. Reception and copying will no longer be possible. To replace the paper, first take out the old roll, then load the new roll as described above.

To assure a long life for your fax and obtain the best reproduction quality, we recommend that you use the following Sharp fax (thermal) paper which is available from your dealer or retailer:

FO-40PRw THERMAL PAPER (163.8 ft. roll)

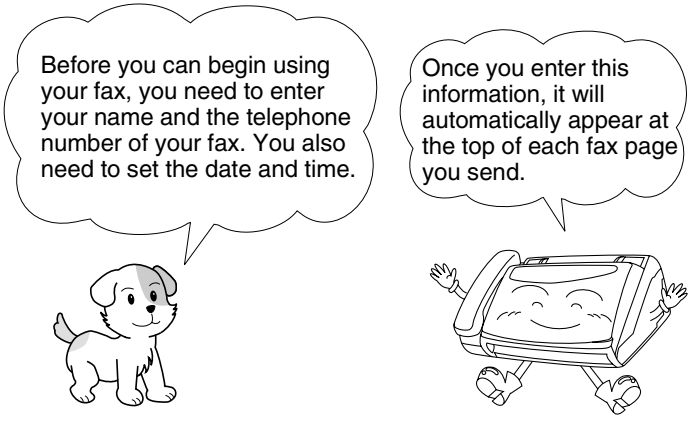
- The use of any other paper may result in poor copy quality and excessive build-up of residue on the head.

Handling fax paper

Do not unpack the paper until you are ready to use it. It may become discolored if:

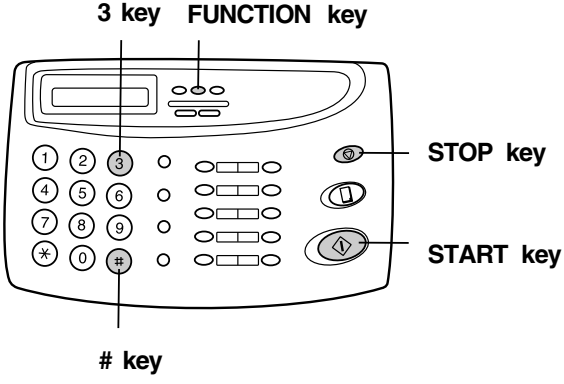
- It is stored at high humidity or high temperature.
- It is exposed to direct sunlight.
- It comes in contact with glue, thinner, or a freshly copied blueprint.
- A rubber eraser or adhesive tape is used on it, or it is scratched.

Entering Your Name and Fax Number


Before you can begin using your fax, you need to enter your name and the telephone number of your fax. You also need to set the date and time.
Once you enter this information, it will automatically appear at the top of each fax page you send.

Important!

The law requires that your name, telephone/fax number, and the date and time appear on each fax message you send (see inside of front cover). Enter your name and fax number here and set the date and time as explained in the following section to have your fax include this information automatically at the top of your fax messages.

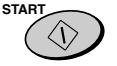


1 Press these keys: FUNCTION → 3

The display will show: ENTRY MODE

2 Press the **#** key twice: (#) (#)

The display will show: OWN NUMBER SET

3 Press the **START** key. 

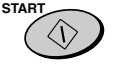
The display will show: ENTER FAX #

4 Enter your fax number by pressing the number keys. Up to 20 digits can be entered.

- To insert a space between digits, press the **#** key.
- If you make a mastake, press the **HOLD/SEARCH** key to move the cursor back to the mistake and then enter the correct number. The new number will replace the old number.

Example: (5) (5) (5) (#) (1) (2) (3) (4)

5 Press **START** to enter the fax number in memory.



The display will show: ENTER YOUR NAME

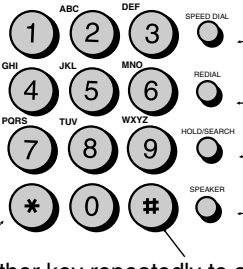
Cursor: A dark square mark in the display that indicates where a number or letter will be entered.

6 Enter your name by pressing the number keys as shown in the chart below. Up to 24 characters can be entered.

- To enter two letters in succession that require the same key, press the **SPEAKER** key after entering the first letter.

Example: SHARP = 7 7 7 7 7 4 4 4 2 2 7 7 7 7 SPEAKER 7 7

A = 2 2	J = 5 5	T = 8 8
B = 2 2 2	K = 5 5 5	U = 8 8 8
C = 2 2 2 2	L = 5 5 5 5	V = 8 8 8 8
D = 3 3	M = 6 6	W = 9 9
E = 3 3 3	N = 6 6 6	X = 9 9 9
F = 3 3 3 3	O = 6 6 6 6	Y = 9 9 9 9
G = 4 4	P = 7 7	Z = 9 9 9 9 9
H = 4 4 4	Q = 7 7 7	SPACE = 1 1
I = 4 4 4 4	R = 7 7 7 7	
	S = 7 7 7 7 7	



Press this key to delete the letter highlighted by the cursor.

Press this key to change case.

Press this key to move the cursor to the left.

Press this key to move the cursor to the right.

Press either key repeatedly to select one of the following symbols:
./!"#$%&'()+ +,-:;<=>?@[¥]^_p{|}→←

7 Press the **START** key to save your name in memory.

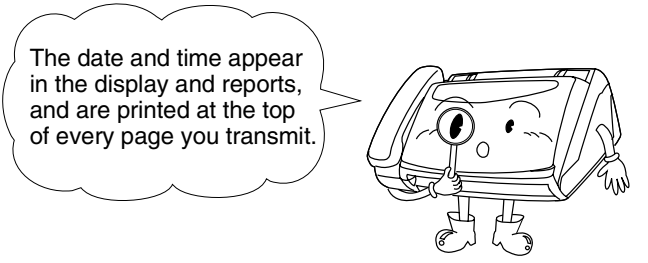
START

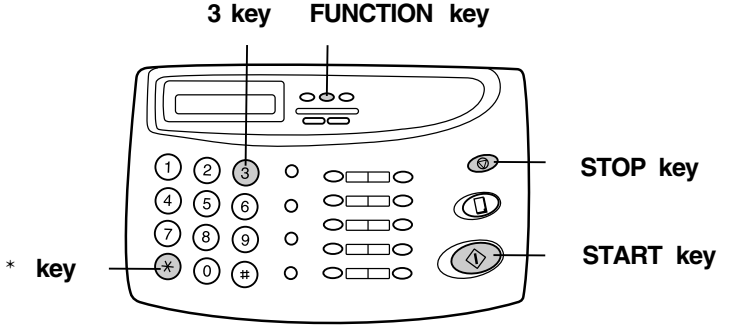
The display will show: SECURITY SELECT

8 Press the **STOP** key to return to the date and time display.

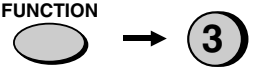
STOP

Setting the Date and Time





1 Press these keys:



The display will show:

ENTRY MODE

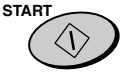
2 Press the * key four times.

The display will show:

DATE & TIME SET

3 Press the **START** key.

- The currently set date will appear in the display.



4 Enter a two-digit number for the month ("01" for January, "02" for February, "12" for December, etc.).

- To correct a mistake, press the **SPEED DIAL** key to move the cursor back to the mistake, and then enter the correct number.

Example: January

5 Enter a two-digit number for the day ("01" to "31").

Example: the 5th

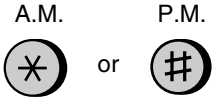
6 Enter the year (four digits).

Example: 1998

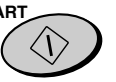
7 Enter a two-digit number for the hour ("01" to "12") and a two-digit number for the minute ("00" to "59").

Example: 9:25

8 Press the * key to select A.M. or the # key to select P.M.



9 Press the **START** key to start the clock.



The display will show:

DAY LIGHT SAVING

10 Press the **STOP** key to return to the date and time display.

Daylight Saving Time

If desired, you can have the clock move forward and backward automatically at the beginning and end of Daylight Saving Time. To turn on this function, press the panel keys as follows:

1 Press these keys:

The display will show:

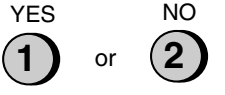
ENTRY MODE

2 Press the * key three times.

The display will show:

DAY LIGHT SAVING

3 Press **1** to turn on the Daylight Saving Time function, or **2** to turn it off.



The display will show:

STORE JUNK #

4 Press the **STOP** key to return to the date and time display.

Selecting the Reception Mode

Your fax has three modes for receiving incoming calls and faxes:

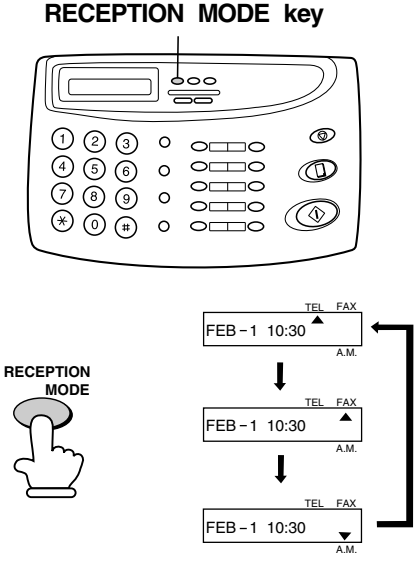
TEL mode:
This is the most convenient mode for receiving phone calls. You can also receive faxes; however, all calls must first be answered by picking up the fax's handset or an extension phone connected to the same line.

FAX mode:
Select this mode when you only want to receive faxes on your line. The fax will automatically answer all calls on four rings and receive incoming faxes.

A.M. mode:
Select this mode when you have connected an answering machine to the fax (see Chapter 6) and you want the answering machine to answer all calls. This allows you to receive both voice messages and faxes while you are out.

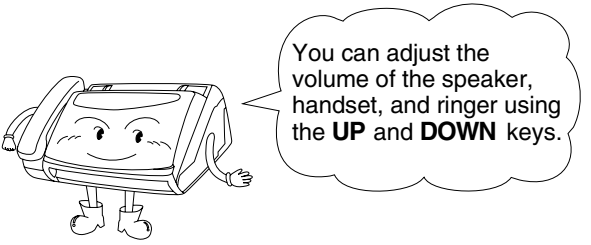
Setting the reception mode

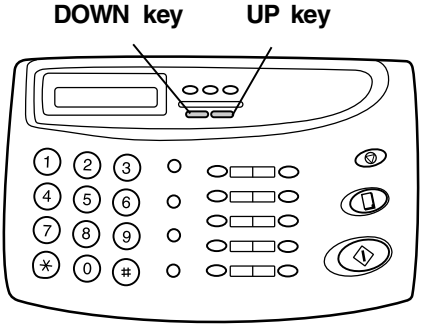
Press the **RECEPTION MODE** key until the arrow in the display points to the desired mode.



For more information on receiving faxes in TEL and FAX modes, see Chapter 3, "Receiving Documents". For more information on using A.M. mode, see Chapter 6, "Answering Machine Hookup".

Volume Adjustment





Speaker

1 Press the **SPEAKER** key.

SPEAKER

2 Press the **UP** or **DOWN** key.

DOWN or **UP**

Display:

SPEAKER: HIGH
↕
SPEAKER: MIDDLE
↕
SPEAKER: LOW

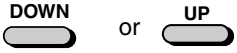
3 When the display shows the desired volume level, press the **SPEAKER** key to turn off the speaker.

SPEAKER

Handset

1 Lift the handset.

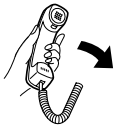
2 Press the **UP** or **DOWN** key.



Display:

RECEIVER: HIGH
↕
RECEIVER: MIDDLE
↕
RECEIVER: LOW

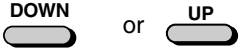
3 When the display shows the desired volume level, replace the handset.



Ringer

1 Press the **UP** or **DOWN** key. (Make sure the **SPEAKER** key has not been pressed and the handset is not lifted.)

- The ringer will ring once at the selected level, then the date and time will reappear in the display.



Display:

RINGER: HIGH
↕
RINGER: MIDDLE
↕
RINGER: LOW
↕
RINGER OFF: OK?

3 If you selected RINGER OFF: OK?, press the **START** key.

Chapter 2

Sending Documents

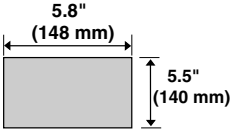
Transmittable Documents

Size and weight

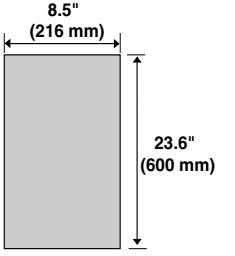
The size and weight of documents that you can load in the document feeder depend on whether you load one page at a time or several pages at once.

Loading one page at a time:

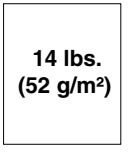
Minimum size



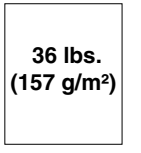
Maximum size



Minimum weight

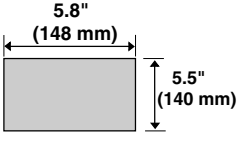


Maximum weight

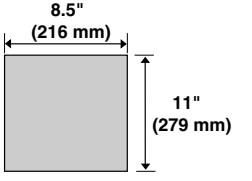


Loading several pages at once:

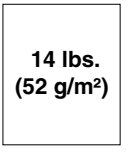
Minimum size



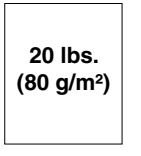
Maximum size



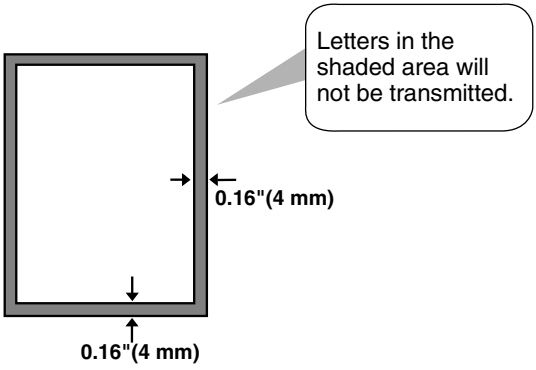
Minimum weight



Maximum weight



Note: Letters or graphics on the edges of a document will not be transmitted.



Other restrictions

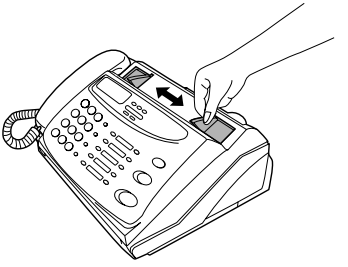
- Documents written in yellow, greenish yellow, or light blue ink cannot be transmitted, as the scanner does not recognize these colors.
- Ink, glue, and correcting fluid on documents must be dry before they pass through the document feeder.
- All clips, staples, and pins must be removed from documents before transmission. If these are not removed, they may damage the fax.
- Documents which are patched, taped, torn, smaller than the minimum size, carbon backed, or easily smudged should be photocopied, and the copy used for transmission.

Loading the Document

Up to 10 pages can be placed in the feeder at one time. The pages will be automatically fed into the machine starting from the page on the bottom.

- ♦ If you need to send or copy more than 10 pages, place the additional pages gently and carefully in the feeder just before the last page is scanned. Do not try to force them in, as this may cause double-feeding or jamming.
- ♦ If your document consists of several large or thick pages which must be loaded one at a time, insert each page into the feeder as the previous page is being scanned. Insert gently to prevent double-feeding.

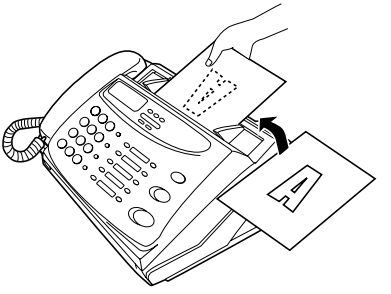
1 Adjust the document guides to the width of your document.



2 Place the document face down and push it gently into the document feeder. The top edge of the document should enter the machine first.

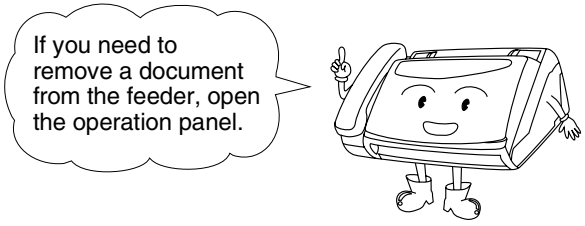
- The feeder will draw the leading edge of the document into the machine. The display will show:

READY TO SEND



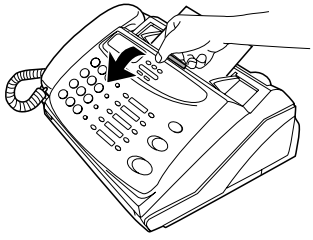
3 Adjust the resolution and/or contrast setting (if desired) as described in the section "Resolution and Contrast", then dial the receiving machine as described in "Sending a Fax by Normal Dialing".

Removing a document from the feeder

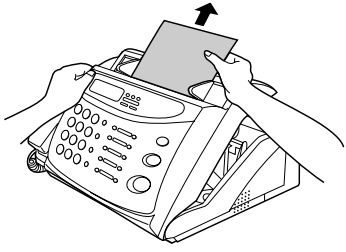


Important:
Do not try to remove a document without opening the operation panel. This may damage the feeder mechanism.

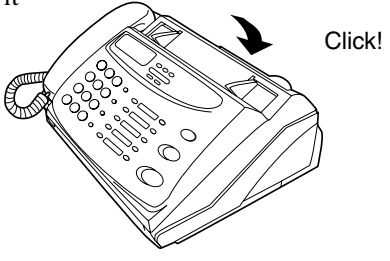
1 Pull the release marked **PANEL RELEASE** toward you and open the operation panel.



2 Remove the document.

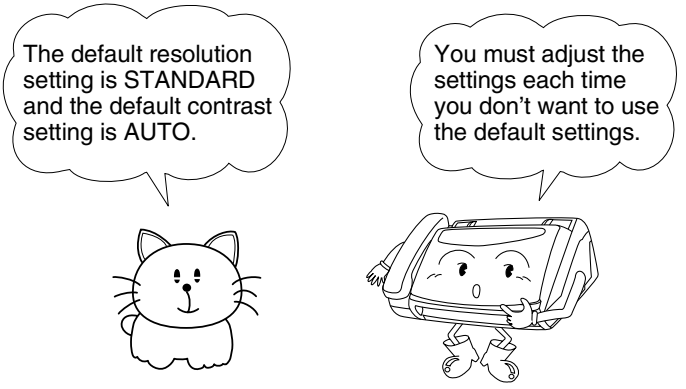


3 Close the operation panel, making sure it clicks into place.



Resolution and Contrast

If desired, you can adjust the resolution and contrast before sending a document.


The default resolution setting is STANDARD and the default contrast setting is AUTO.
You must adjust the settings each time you don't want to use the default settings.

Note: The resolution and contrast settings are only effective for transmitting a document. They are not effective for receiving a document.

Resolution settings

STANDARD:	Use STANDARD for ordinary documents. This setting gives you the fastest and most economical transmission.
FINE:	Use FINE for documents containing small letters or fine drawings.
SUPER FINE:	Use SUPER FINE for documents containing very small letters or very fine drawings.
HALF TONE:	Use HALF TONE for photographs and illustrations. The original will be reproduced in 64 shades of gray.

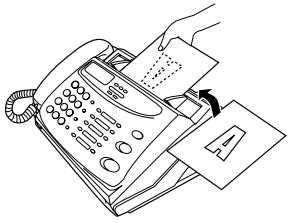
Note: In order to transmit in SUPER FINE resolution, the receiving fax machine must also have that resolution. If it doesn't, your machine will automatically step down to the next best available setting.

Contrast settings

AUTO	Use AUTO for normal documents.
DARK	Use DARK for faint documents.

1 Load the document(s).

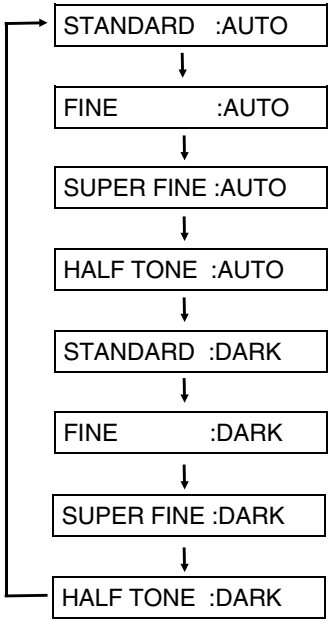
- The document must be loaded before the resolution and contrast can be adjusted.



2 Press the **RESOLUTION** key one or more times until the desired resolution and contrast settings appear in the display.

- The first time you move through the list of resolution settings, the contrast setting AUTO will appear next to each resolution setting. The second time you move through the list, the contrast setting DARK will appear.

Display:



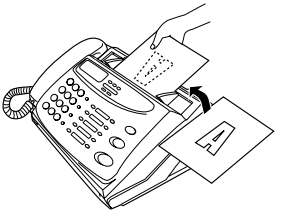
Sending a Fax by Normal Dialing

With Normal Dialing, you pick up the handset (or press the **SPEAKER** key) and dial by pressing the number keys.

- ♦ If a person answers, you can talk with them through the handset before sending the fax. (If you pressed the **SPEAKER** key, you must pick up the handset to talk.)
- ♦ Normal Dialing allows you to listen to the line and make sure the other fax machine is responding.

---

1 Load the document(s).



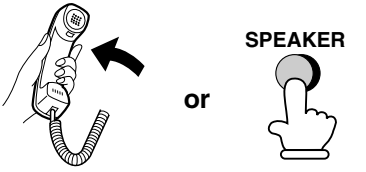
The display will show:

READY TO SEND

- Set the resolution and/or contrast if desired.

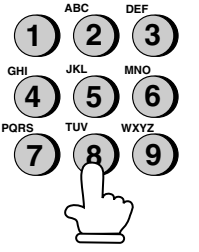
---

2 Pick up the handset or press the **SPEAKER** key. Listen for the dial tone.



---

3 Dial the number of the receiving machine by pressing the number keys.

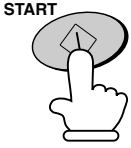


4 Wait for the connection. Depending on the setting of the receiving machine, you will either hear a facsimile reception tone or the other person will answer.

- If the other party answers, ask them to press their Start key (if you pressed the **SPEAKER** key, pick up the handset to speak with them). This causes the receiving machine to issue a reception tone.

5 When you hear the reception tone, press the **START** key. Replace the handset (or press the **SPEAKER** key to turn off the speaker).

- When transmission is completed, the fax will beep once.



Using the REDIAL key

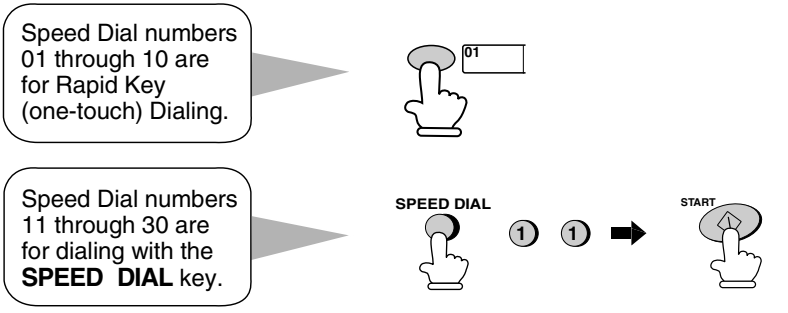
You can press the **REDIAL** key to redial the last number dialed. To send a document, proceed from Step 4 of Normal Dialing. Note that the speaker will be automatically activated when you press the **REDIAL** key.

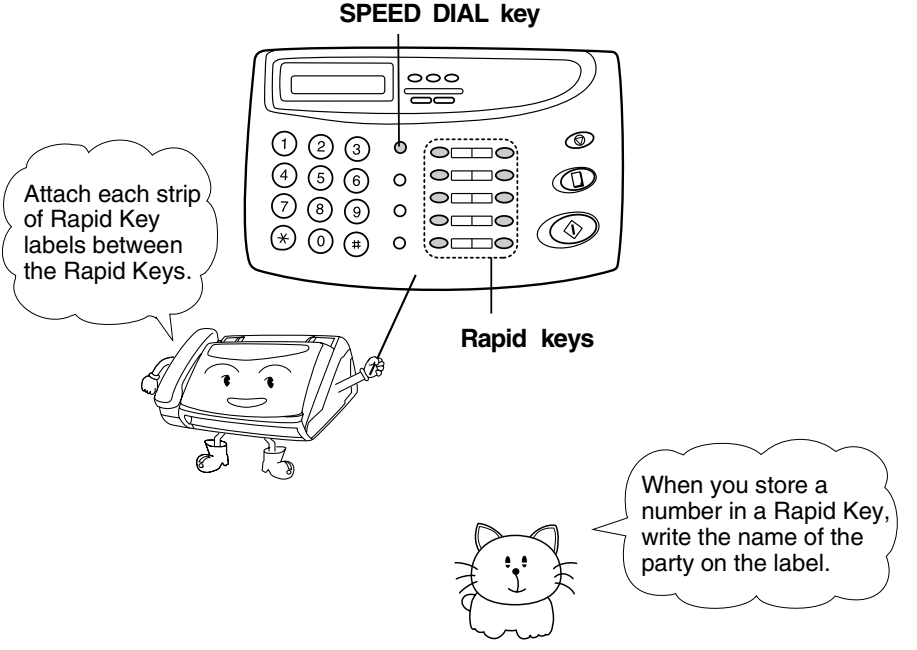
Facsimile reception tone: This is a pronounced, high-pitched tone that the receiving machine sends to the transmitting machine to indicate that it is ready to receive.

Sending a Fax by Automatic Dialing

You can dial a fax or telephone number by simply pressing a Rapid Key, or by pressing the **SPEED DIAL** key and entering a two-digit number.

- To use Automatic Dialing, you must first store the full fax or telephone number in your fax machine.
- When you store a fax or telephone number, you select a two-digit Speed Dial number for it. 30 Speed Dial numbers are available.


Speed Dial numbers 01 through 10 are for Rapid Key (one-touch) Dialing.
01
Speed Dial numbers 11 through 30 are for dialing with the **SPEED DIAL** key.
SPEED DIAL
1
1
START


SPEED DIAL key
Attach each strip of Rapid Key labels between the Rapid Keys.
Rapid keys
When you store a number in a Rapid Key, write the name of the party on the label.

Storing fax and telephone numbers for Automatic Dialing

1 Press these keys: FUNCTION 3 #

The display will show: FAX/TEL. # MODE

2 Press **1** to select SET. 1

The display will show: FAX/TEL. # SET
↓ ↑
ENTER SPEED #

3 Enter a two-digit Speed Dial number by pressing the number keys (01 to 10 for Rapid Key Dialing, 11 to 30 for Speed Dialing).

0 1 (Example)

4 Enter the fax or voice number by pressing the number keys (max. of 32 digits including pauses). (Note: Spaces and hyphens cannot be entered.)

- If you make a mistake, press the **HOLD/SEARCH** key to move the cursor back to the mistake and then enter the correct number. The new number will replace the old number.
- If a pause is required between any of the digits to access a special service or an outside line, press the **REDIAL** key (two seconds per pause). Several pauses can be entered in a row.

5 5 5 1 2 3 4

(Example)

5 Press the **START** key.

START

6 Enter the name of the party by pressing the number keys as shown in the chart below. Up to 10 characters can be entered. (See Step 6 in "Entering Your Name and Fax Number" in Chapter 1 for more details.)

- If you don't want to enter a name, skip this step.
- To enter two letters in succession that require the same key, press the **SPEAKER** key after entering the first letter.

Example: SHARP = 7 7 7 7 7 4 4 4 2 2 7 7 7 7 SPEAKER 7 7

A = 2 2	J = 5 5	T = 8 8
B = 2 2 2	K = 5 5 5	U = 8 8 8
C = 2 2 2 2	L = 5 5 5 5	V = 8 8 8 8
D = 3 3	M = 6 6	W = 9 9
E = 3 3 3	N = 6 6 6	X = 9 9 9
F = 3 3 3 3	O = 6 6 6 6	Y = 9 9 9 9
G = 4 4	P = 7 7	Z = 9 9 9 9 9
H = 4 4 4	Q = 7 7 7	SPACE = 1 1
I = 4 4 4 4	R = 7 7 7 7	
	S = 7 7 7 7 7	

7 Press the **START** key. START

8 Return to Step 3 to store another number, or press **STOP** to exit. If the number will be used for Rapid Key Dialing, you can write the name on the appropriate Rapid Key label.

Step 3 or STOP

Storing area codes and access codes

You can also store an area code or access code in a Rapid Key or Speed Dial number. To use this number to dial, see "Chain Dialing" in Chapter 5, "Making Telephone Calls".

Note: An area code or access code stored in a Rapid Key or Speed Dial number can only be used if the handset is lifted or the **SPEAKER** key pressed before dialing.

Clearing numbers

1 Press these keys: FUNCTION 3 #

The display will show: FAX/TEL. # MODE

2 Press **2** to select CLEAR. 2

3 Enter the Speed Dial number that you want to clear by pressing the number keys.

0 1 (Example)

4 Press the **START** key. START

5 Return to Step 3 to clear another number, or press **STOP** to exit.

Step 3 or STOP

Making changes

To make changes in a number previously stored, repeat the storing procedure. Select the Speed Dial number for which you want to make changes in Step 3, and then change the number and/or name when they appear in the display (Steps 4 and 6, respectively).

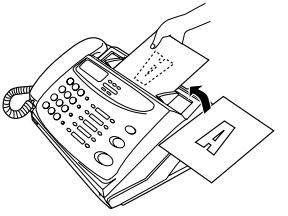
♦ **A lithium battery keeps automatic dialing numbers in memory**

The machine uses a lithium battery to keep automatic dialing numbers and other programmed data in memory when the power is turned off. Battery power is consumed primarily when the power is off. With the power kept continuously off, the life of the battery is about 5 years. If the battery dies, have your dealer or retailer replace it. Do not try to replace it yourself.

Rapid Key Dialing

If the number you want to dial has been stored for Automatic Dialing as a Speed Dial number from 01 to 10, you can dial it by pressing the corresponding Rapid Key.

1 Load the document(s).



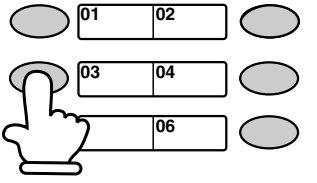
The display will show:

READY TO SEND

- Set the resolution and/or contrast if desired.

2 Press the Rapid Key corresponding to the desired Speed Dial number.

- The name of the receiving party will appear in the display. If no name was stored, the fax number will appear. (If the name or number is incorrect, press the **STOP** key.)
- The document will be automatically transmitted once the connection is made.

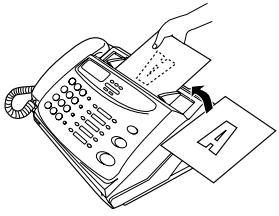


Example: To dial Speed Dial number 03, press Rapid Key 03.

Speed Dialing

Speed Dialing can be used to dial any number that has been stored for Automatic Dialing.

1 Load the document(s).



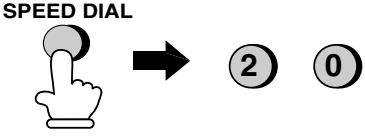
The display will show:

READY TO SEND

- Set the resolution and/or contrast if desired.

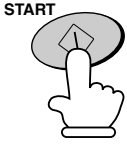
2 Press the **SPEED DIAL** key and then enter the two digits of the Speed Dial number by pressing the number keys.

- To enter numbers 1 through 9, first enter 0 and then the number.



(Example)

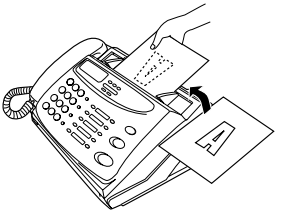
3 Check the display. If the name or number shown is correct, press the **START** key. (If not, press the **STOP** key and then repeat Step 2.)



Direct Keypad Dialing

You can also enter a full number with the number keys and then press the **START** key to begin dialing. You can use this method to dial a full number when you don't need to speak to the other party before faxing.

1 Load the document(s).



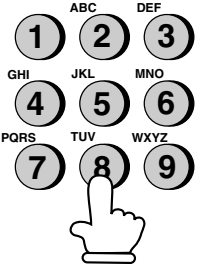
The display will show:

READY TO SEND

- Set the resolution and/or contrast if desired.

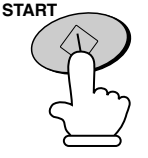
2 Enter the number of the receiving machine by pressing the number keys.

- If a pause is required between any of the digits to access a special service or an outside line, press the **REDIAL** key (two seconds per pause). Several pauses can be entered in a row.



3 Check the display. If the number of the receiving machine shown is correct, press the **START** key.

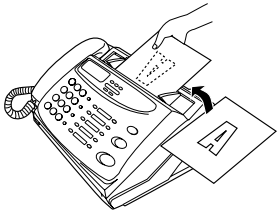
- If it is not correct, press the **STOP** key to backspace and clear one digit at a time, and then re-enter the correct digit(s).



Using the HOLD/SEARCH key

If you don't remember the Rapid Key or Speed Dial number in which you have stored a particular fax number, you can search for the number by following the steps below. Once you have found the number, you can dial it and transmit the loaded document by simply pressing the **START** key.

1 Load the document(s).



The display will show:

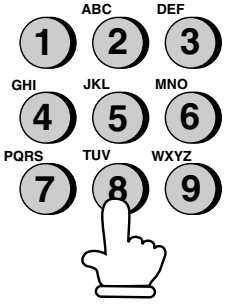
READY TO SEND

- Set the resolution and/or contrast if desired.

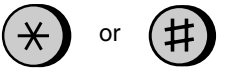
2 Press the **HOLD/SEARCH** key and then the **1** key.

3 Enter the first letter of the stored name by pressing the appropriate number key (the key below the marked letter) one or more times until the letter appears in the display. If the name begins with a special character or number, press **1**.

- If you don't remember the first letter, go to Step 4 (you will scroll through the list from the beginning).
- If a name wasn't stored for the number, press **0**. This will cause numbers, not names, to appear when you scroll.

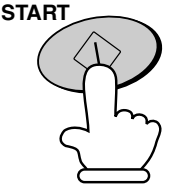


4 Press the **#** key or the * key to scroll through the names (numbers if you pressed **0**). Stop when the desired name appears in the display.



- If no names have been stored that begin with the entered letter, you will scroll from the next name, in alphabetical order, in the list. If no names/numbers have been stored at all, NO DATA will appear.

5 Press the **START** key. The document will be automatically transmitted once the connection is made.



Automatic redialing

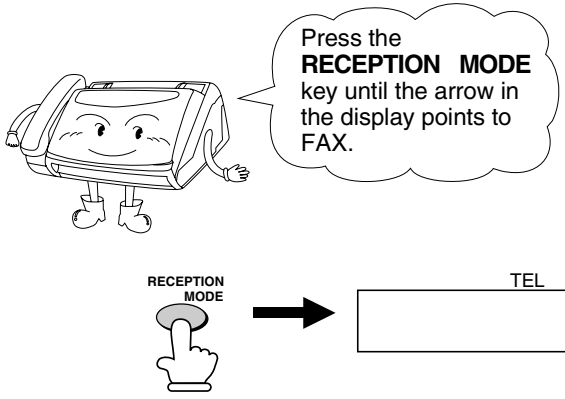
If you use automatic dialing (including Direct Keypad Dialing) and the line is busy, the machine will automatically redial the number. The machine has been set at the factory to make 2 redialing attempts at intervals of 5 minutes.

- ♦ To stop automatic redialing, press the **STOP** key.
- ♦ If desired, you can change the number of times the machine redials with Option Setting 4, and the interval at which redialing takes place with Option Setting 3. See Chapter 8, "Option Settings".

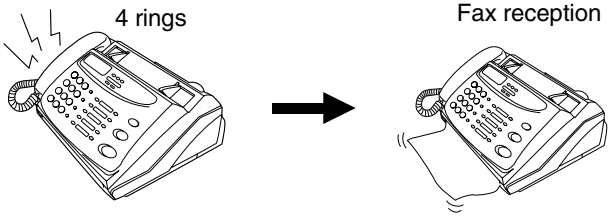
Chapter 3

Receiving Documents

Using FAX Mode



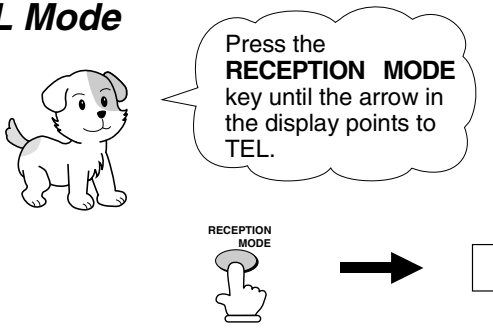
When the reception mode is set to FAX, the machine will automatically answer all calls on four rings and receive incoming faxes.



- You can change the number of rings on which the machine answers calls by changing Option Setting 2. (See Chapter 8, "Option Settings".)
- If you pick up the handset before the machine answers, you can talk to the other party and/or receive a document as described in "Using TEL mode".

Note: If you are using distinctive ring, the machine will answer incoming calls after two rings regardless of the setting of Option Setting 2.

Using TEL Mode

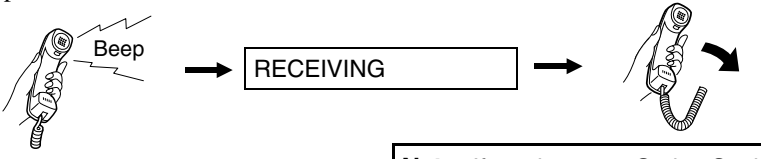


When the reception mode is set to TEL, you must answer all calls using the fax machine's handset or an extension phone connected to the same line.

Answering with the fax's handset

1 Pick up the handset when the machine rings.

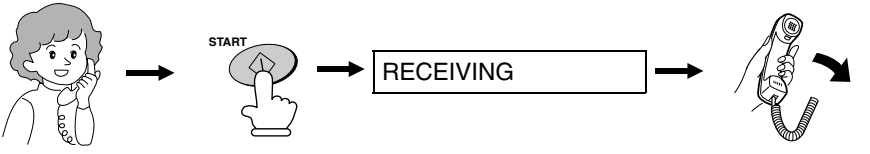
2 If you hear a fax tone, wait until the display shows RECEIVING and then replace the handset.



Note: If you have set Option Setting 12 (Fax signal receive) to NO, press the **START** key to begin reception.

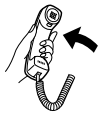
3 If the other party first talks and then wants to send a fax, press the **START** key after speaking (press your **START** key before the sender presses their Start key).

- Make sure that the display shows RECEIVING, then replace the handset.

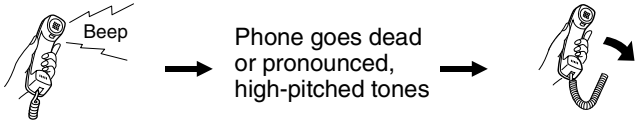


Answering with an extension phone

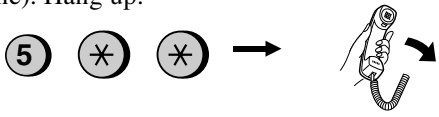
1 Answer the extension phone when it rings.



2 If you hear a soft fax tone, wait until your fax responds (the extension phone will go dead if it is connected to your fax, or you will hear pronounced, high-pitched tones if the phone is connected to a separate wall jack), then hang up.



3 If the fax doesn't respond, or if the other party first talks to you and then wants to send a fax, press **5**, * , and * on the extension phone (only on a tone dial phone). Hang up.



Comments:

- Your fax will not accept the signal to begin reception (**5***) if a document is loaded in its feeder.
- If you have set Option Setting 12 to NO and hear a fax tone when you answer the extension phone, you must press ***5***, * , and * if you are on a touch-tone phone, or walk over to the fax, pick up the handset, and press the **START** key if you are on a pulse dial phone.
- The code used to activate fax reception from a touch-tone extension phone (***5***) can be changed if desired. See Option Setting 5 ("Tel/Fax Remote Number") in Chapter 8, "Option Settings".

Paper cutting

UX-108: After receiving a document, grasp the paper by the edge and pull upward to tear it off.

UX-178/188: After receiving a document, your fax will automatically cut each page to a length slightly longer than the original pages.

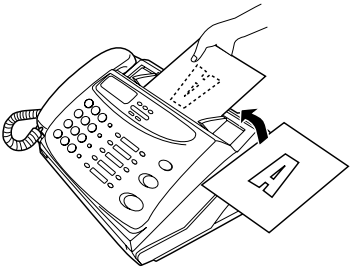
Chapter 4

Making Copies

Your fax can also be used to make copies. You can use this function to make a sample copy of a document before transmitting it to see if the resolution or contrast needs adjustment.

♦ The default resolution for copying is FINE.

1 Load the document(s) face down.

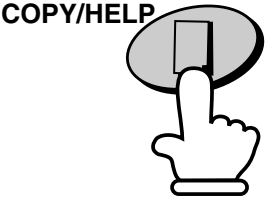


The display will show:

READY TO SEND

- If desired, adjust the resolution and/or contrast with the **RESOLUTION** key.

2 Press the **COPY/HELP** key.



Incoming calls during copying

The fax goes into manual reception mode during copying, so if a call comes in at this time, pick up the handset to answer.

To receive a document, press the **START** key after copying is finished. If you want to begin reception immediately, press the **STOP** key to stop copying, and then press the **START** key as soon as the document has fed out and the fax has returned to standby mode.

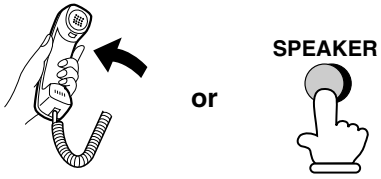
Chapter 5

Making Telephone Calls

Your fax can be used like a regular telephone to make and receive voice calls.

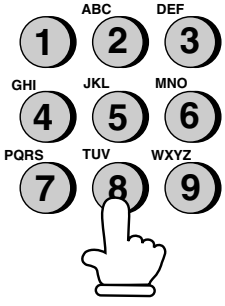
♦ To make or receive a phone call, the power must be on.

1 Pick up the handset or press the **SPEAKER** key. Listen for the dial tone.



2 Dial the number using one of the following methods:

- **Normal Dialing:** Enter the full telephone number with the numeric keys.
- **Rapid Key Dialing:** Press the appropriate Rapid Key.
- **Speed Dialing**: Press the **SPEED DIAL** key, and enter the 2-digit Speed Dial number with the numeric keys.



3 Speak with the other party when they answer.

- If you pressed the **SPEAKER** key, pick up the handset to talk.

Comments:

- While the handset of the fax is lifted (off hook), an extension phone connected directly to the fax cannot be used to speak with the other party.
- The fax may interrupt a voice call received on an extension phone if the reception mode is set to A.M. and there is a period of silence during the conversation. If you are on a touch-tone phone, you can prevent this by pressing any three keys on the phone immediately after you answer. (Note: Do not enter the code to activate fax reception: 5, * , * .)

Chain Dialing

After lifting the handset, you can dial any combination of Normal Dialing, Rapid Key Dialing and Speed Dialing numbers. For example, if you have stored an area code or an access code for a special service in a Rapid Key, you can press the Rapid Key for that area code or access code, then dial the remainder of the number by pressing a Rapid Key, pressing number keys, or pressing the **SPEED DIAL** key and entering a two-digit Speed Dial number.

Using the HOLD/SEARCH key

You can use the **HOLD/SEARCH** key to search for a Rapid Key or Speed Dial number. First search for the number as described in "Using the HOLD/SEARCH key" in "Dialing and Transmission" in Chapter 3, then pick up the handset or press the **SPEAKER** key. The number will be dialed automatically (do not press the **START** key).

Redial

The last number called can be redialed by pressing the **REDIAL** key (it is not necessary to pick up the handset or press the **SPEAKER** key). When the other party answers, pick up the handset to talk.

Hold

You can put the other party on hold during a conversation by pressing the **HOLD/SEARCH** key. When this is done, they cannot hear you. You can put the handset back in the cradle without breaking the connection. When you are ready to speak with them again, pick up the handset. If you did not put the handset back in the cradle, press the **HOLD/SEARCH** key again to resume conversation.

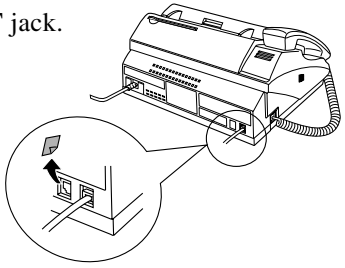
Chapter 6

Answering Machine Hookup

Connecting an Answering Machine

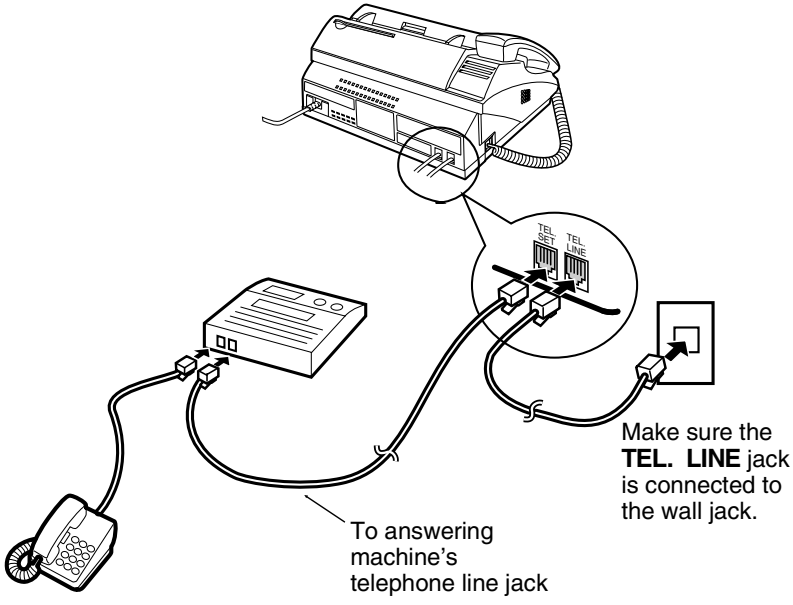
If desired, you can connect an answering machine to your fax machine's **TEL. SET** jack. This will allow you to receive both voice messages and faxes when you are out.

1 Remove the seal covering the **TEL. SET** jack.



2 Connect the answering machine's telephone line jack to the **TEL. SET** jack.

- If desired, you can connect an extension phone to your answering machine's extension phone jack.



Changing the outgoing message

The outgoing message (OGM) of your answering machine should be changed to inform callers who want to send a fax to press their Start key. For example, your message might go as follows:

"Hello. You've reached the ABC company. No one is available to take your call right now. Please leave a message after the beep or press your facsimile Start key to send a fax. Thank you for calling."

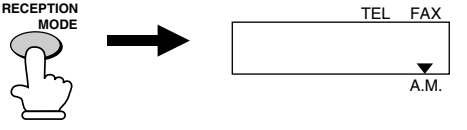
Comments:

- Try to keep the length of the message under 10 seconds. If it is too long, you may have difficulty receiving faxes sent by automatic dialing.
- If your outgoing message must be longer than 10 seconds, leave a pause of about four seconds at the beginning of the message. This will give your fax a chance to detect fax tones sent when automatic dialing is used.

Activating the Answering Machine Hookup

Before you go out, activate the answering machine hookup as follows:

1 Set the reception mode to A.M.

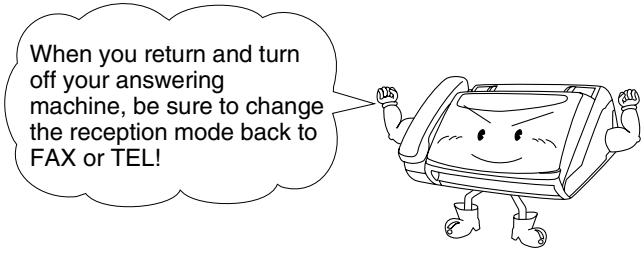


2 Set your answering machine to auto answer.

- Your answering machine must be set to answer on a maximum of two rings. If not, you may not be able to receive faxes sent by automatic dialing.
- If your answering machine has a toll saver function, make sure that it will answer by the fourth ring.

How the hookup operates

While you are out, all of your incoming calls will be answered by your answering machine and its outgoing message will play. Voice callers can leave a message. During this time, your fax will quietly monitor the line. If your fax detects a fax tone or a duration of silence greater than four seconds, it will take over the line and begin reception.



Chapter 7

Special Functions

Caller ID

If you subscribe to a caller identification service from your telephone company, you can set your fax to display the name and number of the caller while the fax rings.

Important:

- To use this function, you must subscribe to a caller identification service from your telephone company.
- Your fax may not be compatible with some caller identification services.

1 Press these keys: FUNCTION → 4

The display will show: OPTION SETTING

2 Press the * key.

The display will show: CALLER-ID

3 Press **1** to turn on Caller ID, or **2** to turn it off.

YES 1 or NO 2

The display will show: AREA CODE # MODE

4 Press **1** to select SET. (To clear a previously programmed area code, press **2** and go to Step 7.)

SET CLEAR

(1) or (2)

The display will show: ENTER AREA CODE

5 Enter the three digits of your area code.

(2) (0) (5) (Example)

6 Press the **START** key to store your area code.

START

The display will show: FINE PRIORITY

7 Press the **STOP** key to return to the date and time display.

STOP

How Caller ID operates

When you receive a call, the name and phone number of the caller will alternately appear in the display, beginning just before the second ring. The information will continue to be displayed until you pick up the handset, or until the fax answers automatically if it is in FAX mode.

Note: Some caller ID services may not provide the name of the caller. In this case, only the phone number will appear.

Display example:

DOE JOHN	⟷	444-555-6666
Caller's name		Caller's number

Display messages

One of the following messages will appear while the fax rings if caller information is not available.

NO SERVICE	No caller information was received from your telephone company. Make sure that the telephone company has activated your service.
CALLER-ID ERROR	Noise on the telephone line prevented reception of caller information.
OUT OF AREA	The call was made from an area which does not have a caller identification service, or the caller's service is not compatible with that of your local phone company.
PRIVATE CALL	Caller information was not provided by the telephone company at the caller's request.

Viewing the Caller ID list

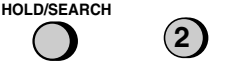
If you subscribe to a Caller ID service and have turned on the Caller ID function, your fax machine will keep information on the most recent 20 unanswered calls and/or unsuccessful faxes you have received. You can view this information, which consists of the name and number of each caller, in the Caller ID List.

- After you have received 20 unanswered calls, each new call will delete the oldest call.

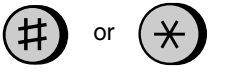
Follow the steps below to view the Caller ID List in the display. If desired, you can immediately dial a number when it appears.

To print out the list, see Chapter 9, "Printing Out Reports and Lists".

1 Press the keys shown at right. REVIEWING CALLS will appear in the display.

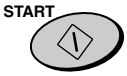


2 Press the **#** key to scroll through the list from the most recent call, or the * key to scroll through the list from the oldest call.

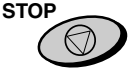


3 If you want to dial one of the numbers in the list, scroll through the list until the number appears in the display.

- If you want to send a fax, load the document and then press the **START** key.
- If you want to make a voice call, pick up the handset or press the **SPEAKER** key. Dialing will begin automatically. (If you pressed the **SPEAKER** key, pick up the handset when the other party answers.)



4 Press the **STOP** key when you have finished viewing the list.



To delete calls from the Caller ID list

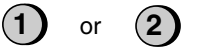
If you want to delete a single call from the caller list, press the **0** key while the call appears in the display. If you want to delete all calls from the list, hold the **0** key down for at least 3 seconds while you are viewing any number in the list.

Priority Call

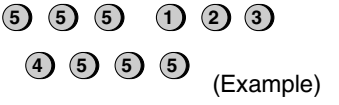
If desired, you can set your fax to make a special ringing sound when you receive a call from a designated phone number. This lets you know immediately who is calling without having to look at the display. To use this function, enter the desired phone number by following the steps below (only one phone number can be entered).

1 Press the keys shown at right. PRIORITY CALL # will appear in the display.

2 Press **1** to enter a number, or **2** to clear a number. (If you pressed **2**, go to Step 4.)



3 Enter the phone number, including the area code, by pressing the number keys (the number must be 10 digits long).



4 Press the **START** key and then the **STOP** key.

Blocking voice calls

With Caller ID turned on, you can use the Anti Junk Fax function described in "Blocking Reception of Unwanted Faxes" in this chapter to block voice calls as well as fax receptions (the Anti Junk Fax function normally only blocks faxes).

In this case, when a voice call or a fax transmission comes in from a number you have specified as a "Junk Number", your fax will break the connection as soon as it receives the calling phone number from the caller ID service (before the second ring).

To use this function, set Option Setting 13 to YES as described in Chapter 8, "Optional Settings", and then enter the number in the Anti Junk Number List as described in "Blocking Reception of Unwanted Faxes".

Note: This function cannot be used if you are using the Distinctive Ring function.

Distinctive Ring

Important:

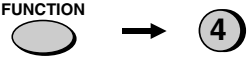
- **To use distinctive ring, you must subscribe to a distinctive ring service from your local phone company. Do not turn on this function if you do not subscribe to a distinctive ring service.**
- Your fax may not be compatible with some distinctive ring services.

Distinctive ring is a service offered by some local telephone companies whereby they assign another number to your regular single line. The second number rings differently from your normal number.

If you subscribe to a distinctive ring service, you can set the fax machine to automatically answer when your second number is called. This allows you to use the second number as an exclusive fax number.

To have your fax automatically answer when your second number is called, follow the steps below:

1 Press these keys:



The display will show: OPTION SETTING

2 Press these keys:

The display will show: DISTINCTIVE RING

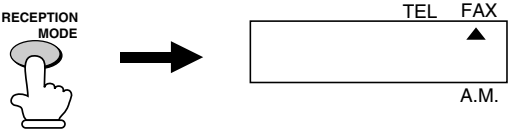
3 Press a number from **1** to **3** to select the ring pattern below that matches your second number's ring pattern. Or, press **4** to have your fax automatically answer your normal telephone number. Press **5** to turn off the distinctive ring function.

1	RING PATTERN 1:	Two short rings.
2	RING PATTERN 2:	One short, one long, and one short ring.
3	RING PATTERN 3:	Two short rings and one long ring.
4	STANDARD RING:	Your standard (normal) ring pattern.
5	OFF SETTING:	Turn distinctive ring off.

The display will show: FAX SIGNAL RX

4 Press the **STOP** key.

5 Set the reception mode to FAX.



When using distinctive ring, you must set the reception mode of your fax to FAX. When your designated fax number is dialed, your fax will automatically answer and begin reception after two rings. Note that other devices on the same line will also ring until your fax answers. If one of your other numbers is dialed, the fax will ring; however, it will not answer.

Note: If you are using an answering machine with your distinctive ring service, the answering machine must be connected to a separate wall jack. Do not connect it directly to your fax.

Blocking Reception of Unwanted Faxes

The Anti Junk Fax function allows you to block reception of faxes from parties which you specify. This saves paper by not printing out unwanted "junk" faxes.

To use this function, first turn it on by setting Option Setting 13 to YES as described in Chapter 8, and then enter the fax numbers from which you do not want to receive faxes as shown below. If you are using the Caller ID function, you can also enter voice numbers.

Comments:

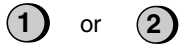
- Up to 5 numbers can be entered in the Anti Junk Number List.
- The Anti Junk function will not operate for a number which has also been stored as a Priority Call number.
- To clear a number from the Anti Junk Number List, you need to know the 1-digit number which identifies it. If you have forgotten this number, print out the Anti Junk Number List as described in Chapter 10.

---

1 Press the keys shown at right. STORE JUNK # will appear in the display.

---

2 Press **1** to store a number in the Anti Junk Number List, or **2** to clear a number from the list.



---

3 **Storing:** Enter a 1-digit number from 1 to 5. This number identifies the fax/voice number you will store in the next step.
Clearing: Enter the number which identifies the fax/voice number you want to clear, and go to Step 5.

(Example)

4 Enter the full number you want to block (max. of 20 digits).

5 5 5 1 2 3 4

(Example)

5 Press the **START** key.

6 Return to Step 3 to enter (or clear) another number, or press **STOP** to exit.

Step 3 or

Polling (Requesting a Fax Transmission)

Polling allows you to request another fax machine to send a document to your fax machine. In other words, the receiving fax machine, not the transmitting fax machine, initiates the transmission. You can use your fax to both poll and be polled by others.

To use the polling function, you must first set Rapid Key 10/POLL for use as a polling key. This is done by changing Option Setting 14, as described in Chapter 8, "Option Settings".

Requesting transmission

Note: Rapid Dial Keys cannot be used for polling. To dial a Rapid Dial location, press the **SPEED DIAL** key and then enter the 2-digit number corresponding to the Rapid Key.

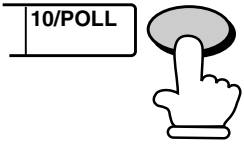
1 Dial the fax machine you want to poll using one of the following methods:

- Pick up the handset (or press the **SPEAKER** key) and dial the full number. Wait for the fax answerback tone.
- Press the **SPEED DIAL** key and enter a 2-digit Speed Dial number.
- Enter the full number using the numeric keys.

(Example)

2 Press Rapid Key 10/POLL.

- If you used the handset, replace it when POLLING appears in the display. Reception will begin.



Turnaround polling

After polling a fax machine, you can send a document to that machine during the same connection. Simply place the document to be sent in the feeder and follow the steps described above in "Requesting transmission". When polling is finished, the document will be automatically transmitted.

- The other fax machine must also have Turnaround Polling capability.
- Turnaround Polling cannot be done when a timer transmission operation is set.

Being polled (polling standby)

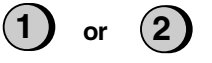
To let another fax machine poll your fax, simply set the reception mode to FAX, and load the document(s) to be sent.

Transmission will take place when the other fax machine calls your fax and activates polling. Automatic reception is possible while your fax is on polling standby.

Polling security

Polling Security allows you to prevent unauthorized polling of your fax. When this function is turned on, polling will only take place when the fax number of the polling fax machine has been entered in your fax's list of permitted fax numbers (called "passcode numbers"). The number of the polling fax must also be programmed in itself for identification.

To use Polling Security, follow the steps below to turn the function on, and then enter permitted numbers as shown on the following page.

1	Press the keys shown at right. ENTRY MODE will appear in the display.	
2	Press the **#** key three times. SECURITY SELECT will appear in the display.	
3	Press **1** to turn polling security on, or **2** to turn it off.	

4 Press the **START** key and then the **STOP** key.

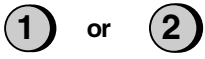
Storing and clearing fax numbers for polling permission

You can store up to 10 fax numbers in your fax's list of permitted numbers.

1 Press the keys shown at right. ENTRY MODE will appear in the display.

2 Press the **#** key four times. PASSCODE # MODE will appear in the display.

3 Press **1** to store a number, or **2** to clear a number.



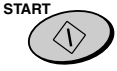
4 **Storing:** Enter a 2-digit number from "01" to "10". This number identifies the fax number you will store in the next step.
Clearing: Enter the number which identifies the fax number you want to clear, and go to Step 6.

(Example)

5 Enter the fax number (max. of 20 digits).

(Example)

6 Press the **START** key.



7 Return to Step 4 to enter (or clear) another number, or press **STOP** to exit.

Step 4 or

Timer Operations

The Timer function allows you to set a transmission and/or polling operation to be performed automatically at a time you specify. One transmission operation and one polling operation can be set at any one time, and the times they will be performed can be specified up to 24 hours in advance.

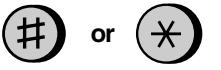
As an example, you can use this function to take advantage of lower nighttime telephone rates without having to be there when the operation is performed.

Note: Only a Speed Dial number can be used to dial the receiving machine.

Setting a timer operation

1 Press the keys shown at right.
TIMER MODE will appear in the display.

2 Press **#** to set a transmission operation (SEND MODE), or * to set a polling operation (POLLING MODE).

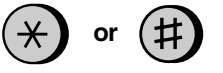


3 Press **1** to select SET.

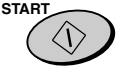
4 Enter the time at which you want the operation to take place (2 digits for the hour and 2 digits for the minute).

Example: 9:25

5 Press the * key to select A.M. or the **#** key to select P.M.



6 Press the **START** key.



7 Enter the Speed Dial number of the receiving fax machine.

- If this is a polling operation, go to Step 10.

(Example)

8 Press the **START** key.

9 Adjust the resolution and/or contrast (skip this step if you don't want to change settings).

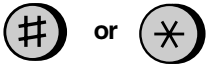
10 Press the **START** key and then the **STOP** key. If this is a transmission operation, load the document in the feeder sometime before the specified time of transmission.

To cancel an operation

If you need to cancel an operation after it has been set, follow the steps below.

1 Press the keys shown at right. TIMER MODE will appear in the display.

2 Press **#** to cancel a transmission operation, or * to cancel a polling operation.



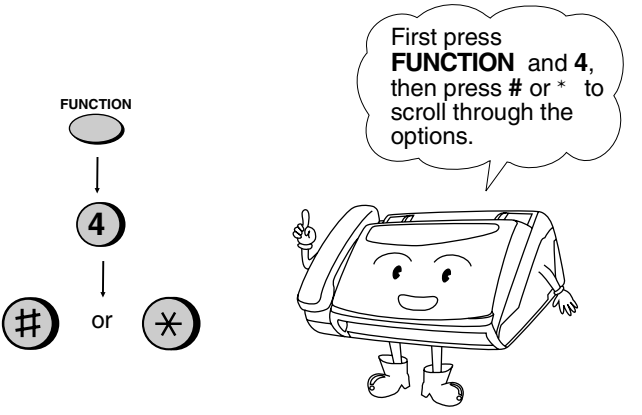
3 Press **2** to select CLEAR.

4 Press the **START** key and then the **STOP** key.

Chapter 8

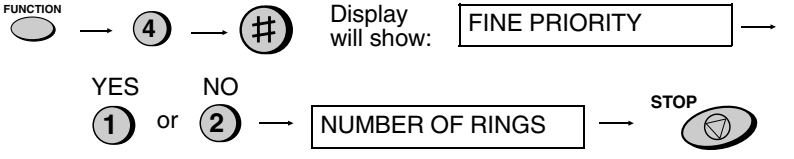
Option Settings

The option settings let you customize your fax to better suit your needs. An initial setting has been made for each option at the factory. You can change a setting by following the steps described for each option below.



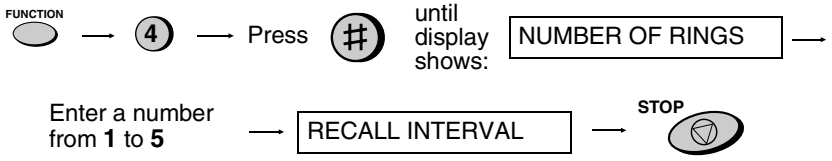
Setting 1: FINE RESOLUTION PRIORITY
This option sets the default resolution (the resolution used if a setting is not made with the **RESOLUTION** key) for transmitting documents. Press **1** (YES) to set the default resolution to FINE, or **2** (NO) to set it to STANDARD.

- Initial setting: **2**



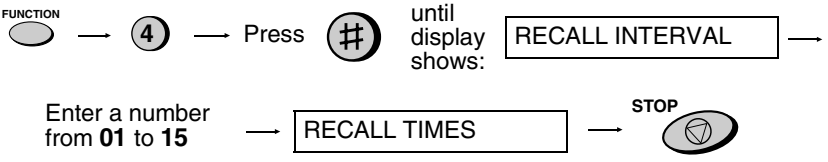
Setting 2: NUMBER OF RINGS TO ANSWER
This option sets the number of rings the fax machine waits before answering an incoming call in FAX reception mode. Enter any number from **1** to **5** rings.

• Initial setting: **4**



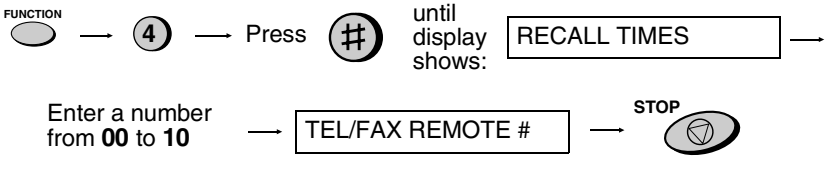
Setting 3: RECALL INTERVAL
This sets the amount of time your fax will wait between automatic redials when the line is busy. Enter **01** for 1 minute, **02** for 2 minutes, etc., up to a maximum of **15** minutes.

• Initial setting: **05**



Setting 4: RECALL TIMES
This sets the maximum number of times your fax will automatically redial if the line is busy. Enter any number from **00** to **10**.

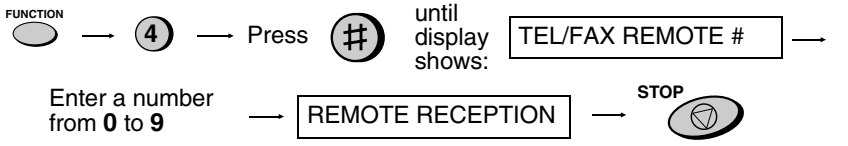
• Initial setting: **02**



Setting 5: TEL/FAX REMOTE NUMBER

If you hear a fax tone when you answer a call on a touch-tone extension phone connected to the same line as the fax, you can make the fax begin reception by pressing **5**, * , and * on the phone. Use this setting if you want to use a number other than **5** to begin fax reception. You can enter any number from **0** to **9**.

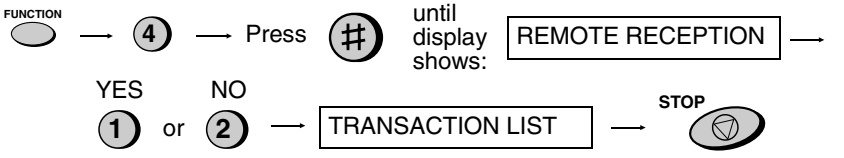
- Initial setting: **5**



Setting 6: REMOTE RECEPTION SELECT

If you don't intend to use the above TEL/FAX REMOTE NUMBER, you can turn detection of the number off. This will ensure that the fax never mistakenly attempts to begin reception if it detects a signal similar to the TEL/FAX REMOTE NUMBER while you are talking on an extension phone. Press **1** to turn detection on, or **2** to turn detection off.

- Initial setting: **1**



Setting 7: TRANSACTION REPORT PRINT SELECT

This sets the condition for printing out a Transaction Report. Enter a number from **1** to **4** as follows:

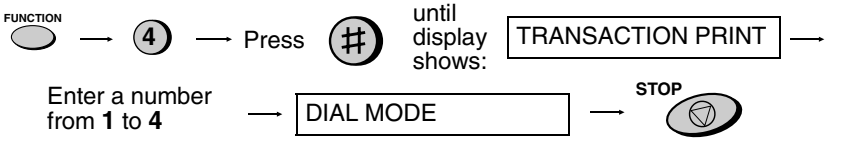
1 (ALWAYS PRINT): A report will be printed after each transmission, reception, or error.

2 (ERR/TMR PRINT): A report will be printed after an error or a timer operation.

3 (SEND ONLY): A report will be printed only after a transmission.

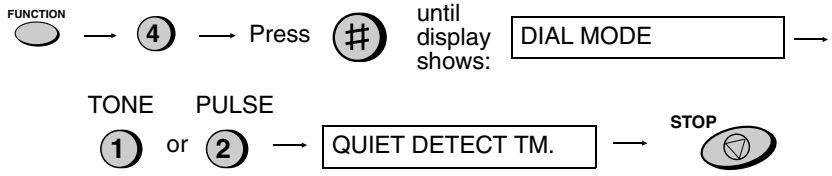
4 (NEVER PRINT): A report will never be printed.

- Initial setting: **2**



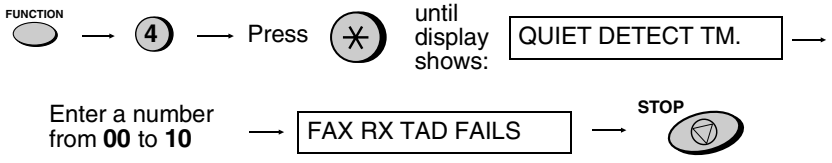
Setting 8: DIAL MODE
This sets the mode of dialing. Press **1** if you are on a touch-tone line, or **2** if you are on a pulse dial line. (If you don't know which type of line you have, try making phone calls with both settings and see which one works.)

• Initial setting: **1**



Setting 9: QUIET DETECT TIME
When an answering machine is connected to the fax, the fax will take over the line and begin reception if it detects a certain duration of silence after the answering machine answers a call. This sets the duration of silence (in seconds). Enter a number from **01** to **10**, or enter **00** to turn off the function. (Note: We recommend that you do not set Quiet Detect Time below 3 seconds.)

• Initial setting: **04**

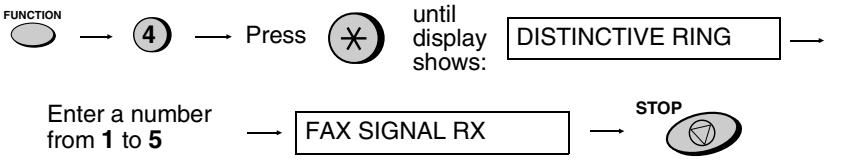


Setting 10: FAX RECEPTION WHEN TAD FAILS
Press **1** (YES) to have the fax answer a call if an answering machine connected to the fax does not answer within 5 rings. Press **2** (NO) to turn the function off.

• Initial setting: **2**

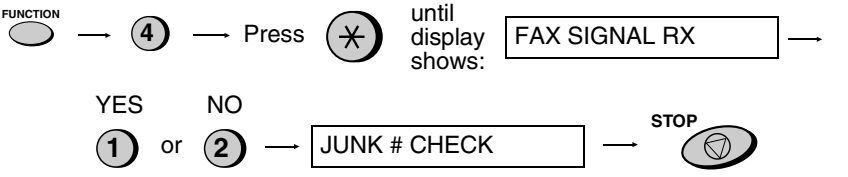
Setting 11: DISTINCTIVE RING
This sets the ring pattern to which your fax will answer if you subscribe to a distinctive ring service. Enter a number from **1** to **5** to select a pattern. See "Distinctive Ring" in Chapter 7 for more details.

- Initial setting: **5**



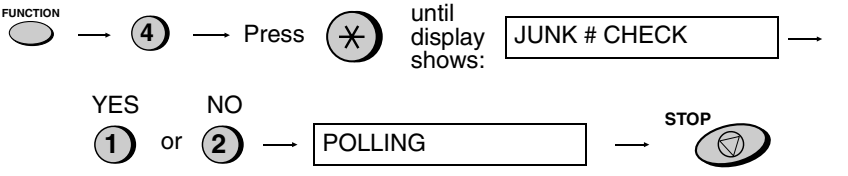
Setting 12: FAX SIGNAL RECEIVE
Your fax will automatically begin reception if you hear a high-pitched fax tone after answering a call on your fax or an extension phone. If you use a computer fax modem to send documents on the same line, you must turn this function off in order to prevent your fax from mistakenly attempting to receive documents from the computer fax modem. Press **1** to turn the function on, or **2** to turn it off.

- Initial setting: **1**



Setting 13: JUNK NUMBER CHECK
Press **1** to prevent reception from fax numbers (and voice numbers if you are using Caller ID) entered in the Anti Junk Number List. Press **2** to allow reception from all numbers.

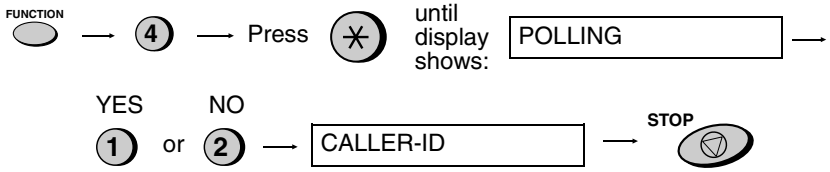
- Initial setting: **2**



Setting 14: POLLING

Press **1** if you want to use Rapid Key 10/POLL as a polling key. Press **2** if you want to use it as a regular Rapid Key.

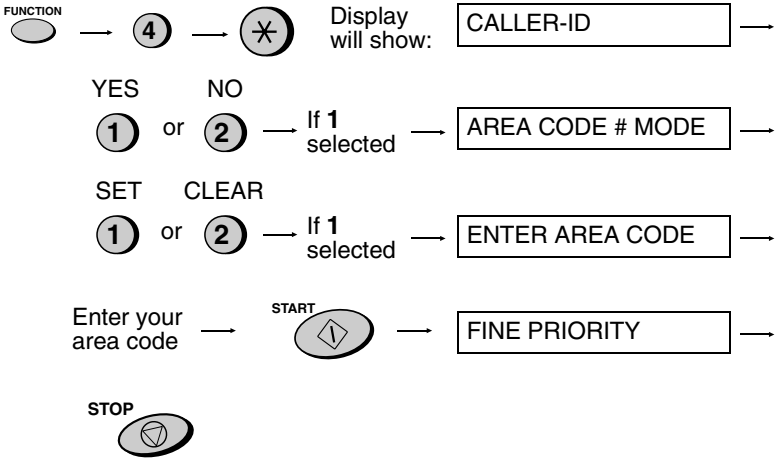
- Initial setting: **2**



Setting 15: CALLER ID

If you subscribe to a caller ID service and want to use the Caller ID function, press **1** twice, enter your 3-digit area code by pressing the number keys, and then press the **START** key. To turn Caller ID off, press **2**. (Caller ID is explained in more detail in "Caller ID" in Chapter 7.)

- Initial setting: **2**



Chapter 9

Printing Reports and Lists

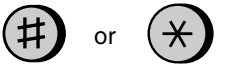
You can print out lists showing settings and information entered in the fax. You can also have the fax automatically print out a report on transactions after they are made. The lists and the report are described below.

Printing a list

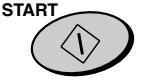
1 Press these keys:

The display will show: LISTING MODE

2 Press the # key or the * key until the desired list appears in the display.



3 Press the **START** key.



Timer list

This list shows the timer operations that are currently set.

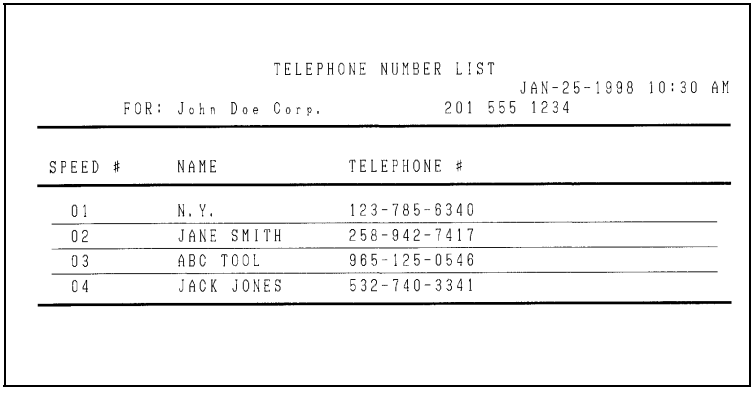
```
                    TIMER LIST
                                    JAN-25-1998 10:30 AM
      FOR: John Doe Corp.           201 555 1234

TIMER SEND
      START         09:28 AM
      RECEIVER      ABC TOOL
      RESOLUTION    FINE        :AUTO

TIMER POLLING
      START         11:30 AM
      SENDER        JACK JONES
```

Telephone Number List

This list shows the fax and voice numbers that have been stored for automatic dialing.



TELEPHONE NUMBER LIST

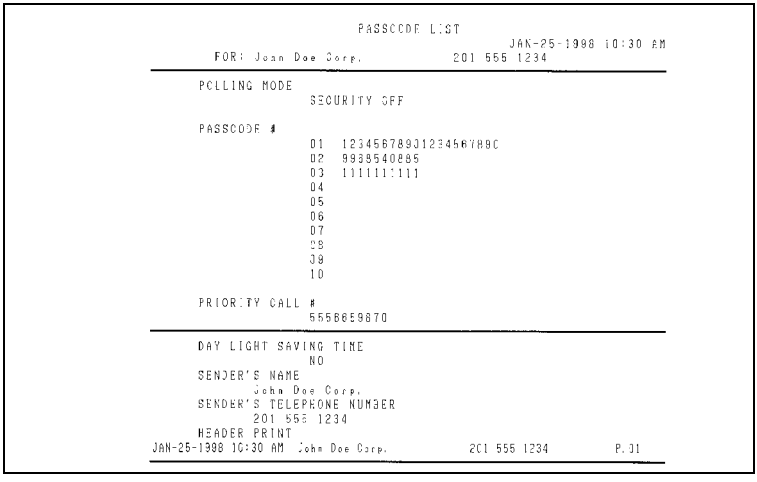
JAN-25-1998 10:30 AM

FOR: John Doe Corp. 201 555 1234

SPEED #	NAME	TELEPHONE #
01	N.Y.	123-785-6340
02	JANE SMITH	258-942-7417
03	ABC TOOL	965-125-0546
04	JACK JONES	532-740-3341

Passcode List

This list shows settings made for polling security, your name and fax/telephone number as entered in the machine, and a sample of the header printed at the top of every page you transmit (**HEADER PRINT**).



PASSCODE LIST

JAN-25-1998 10:30 AM

FOR: John Doe Corp. 201 555 1234

POLLING MODE
SECURITY OFF

PASSCODE #
01 12345678901234567890
02 9998540885
03 1111111111
04
05
06
07
08
09
10

PRIORITY CALL #
5558659870

DAY LIGHT SAVING TIME
NO

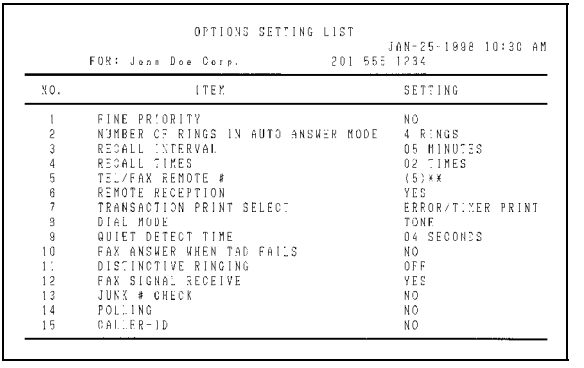
SENDER'S NAME
John Doe Corp.

SENDER'S TELEPHONE NUMBER
201 555 1234

HEADER PRINT
JAN-25-1998 10:30 AM John Doe Corp. 201 555 1234 P.01

Option Setting List

This list shows the current status of the option settings.



OPTIONS SETTING LIST

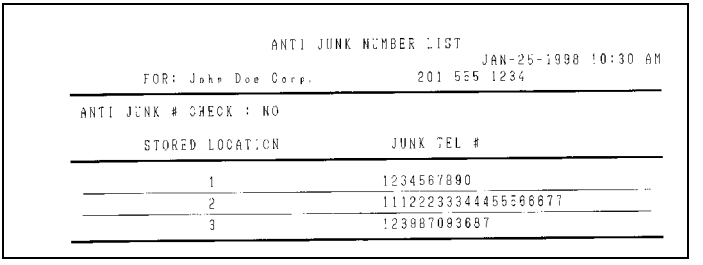
JAN-25-1998 10:30 AM

FOR: John Doe Corp. 201 555 1234

NO.	ITEM	SETTING
1	RING PRIORITY	NO
2	NUMBER OF RINGS IN AUTO ANSWER MODE	4 RINGS
3	RECALL INTERVAL	05 MINUTES
4	RECALL TIMES	02 TIMES
5	TEL/FAX REMOTE #	(5)**
6	REMOTE RECEPTION	YES
7	TRANSACTION PRINT SELECT	ERROR/TIMER PRINT
8	DIAL MODE	TONE
9	QUIET DETECT TIME	04 SECONDS
10	FAX ANSWER WHEN TAD FAILS	NO
11	DISTINCTIVE RINGING	OFF
12	FAX SIGNAL RECEIVE	YES
13	JUNK # CHECK	NO
14	POLLING	NO
15	CALLER-ID	NO

Anti Junk Number List

This list shows the numbers that are blocked by the Anti Junk function.



ANTI JUNK NUMBER LIST

JAN-25-1998 10:30 AM

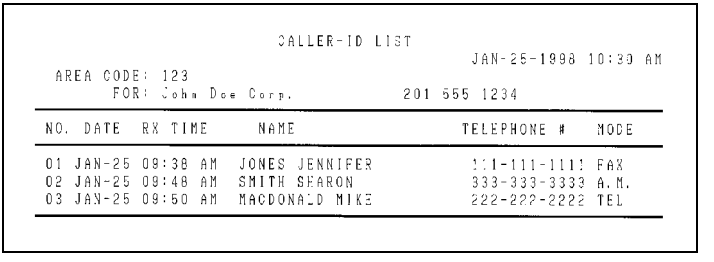
FOR: John Doe Corp. 201 555 1234

ANTI JUNK # CHECK : NO

STORED LOCATION	JUNK TEL #
1	1234567890
2	11122233344455566677
3	123987093687

Caller ID List

This list shows information about your most recent unanswered calls (maximum of 20 calls). (This list is only available if you are using the Caller ID function.)



CALLER-ID LIST

JAN-25-1998 10:30 AM

AREA CODE: 123

FOR: John Doe Corp. 201 555 1234

NO.	DATE	RX TIME	NAME	TELEPHONE #	MODE
01	JAN-25	09:38 AM	JONES JENNIFER	111-111-1111	FAX
02	JAN-25	09:48 AM	SMITH SHARON	333-333-3333	A.M.
03	JAN-25	09:50 AM	MACDONALD MIKE	222-222-2222	TEL

Transaction Report

This report is printed out automatically after an operation is performed to allow you to check the result. Your fax is set at the factory to print out the report after a timer operation or when an error occurs. If desired, you can change the setting to have it printed out under a variety of other conditions. This is done by changing Option Setting 7 as described in Chapter 8.

♦ The Transaction report cannot be printed on demand.

```
*********************************************************************
*                                                                   *
*                        TRANSACTION REPORT                         *
*                                              JAN-25-1998 10:30 AM *
*        FOR: John Doe Corp.            201 555 1234                *
*  ------------------------------------------------------------     *
*    TIMER SEND          (RESERVED TIME 10:30 AM)                   *
*                                                                   *
*  DATE  START    RECEIVER              PAGES    TIME    NOTE       *
*  ------------------------------------------------------------     *
* JAN-25 10:30 AM JACK JONES              0     **'**"  CANCEL       *
*  ------------------------------------------------------------     *
*********************************************************************
```

Explanation of headings

SENDER/ RECEIVER The fax number of the other machine involved in the transaction. If this machine does not have an ID function, the communication mode will appear (for example, "G3").

PAGES Number of pages transmitted or received.

NOTE **OK** - Transmission/reception was normal.

P.FAIL - A power failure occurred. If you have power and the problem persists, try a different outlet. If necessary, have an electrician check your power lines.

JAM - A problem with the fax paper or document occurred. Make sure the document or fax paper is loaded properly. Make sure the operation panel is shut securely.

NO PAPER - You ran out of fax paper during reception.

COM.E-0 to **COM.E-7** - A telephone line error prevented the transaction. See "Line Error" in "Problems and Solutions" in Chapter 11.

CANCEL - Transmission was cancelled because the **STOP** key was pressed, no document was in the feeder, or the other machine requested transmission using a function which your fax does not have. If you were attempting to fax, make sure a document is in the feeder. If you were receiving, contact the faxing party to see how they are trying to send to you.

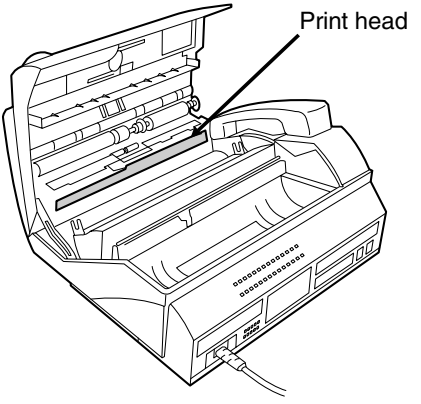
Chapter 10

Maintenance

Fax print head

Clean the print head frequently to ensure optimum printing performance. To clean the print head, first unplug the power cord, open the operation panel (pull the release marked **PANEL RELEASE** toward you), and remove the fax paper.

Wipe the print head with a soft cloth dampened with denatured alcohol.



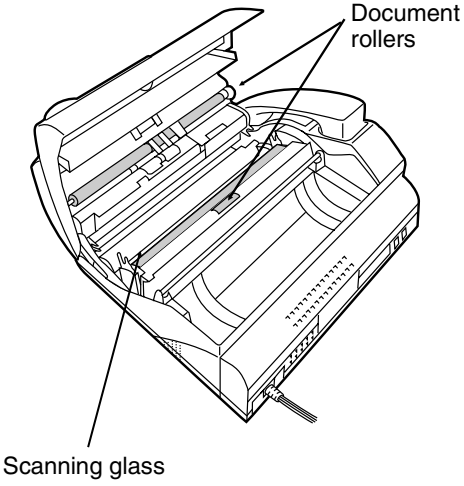
Caution!

- Do not use benzene or thinner. Avoid touching the print head with hard objects.
- The print head may be hot if your fax machine has just received a large number of documents. If this is the case, allow the print head to cool prior to cleaning.

Scanning glass and rollers

Clean the scanning glass and rollers frequently to ensure the quality of transmitted images and copies. Open the operation panel (pull the release marked **PANEL RELEASE** toward you), and wipe the scanning glass and rollers with a soft cloth.

- ♦ Make sure that all dirt and stains (such as correcting fluid) are removed, as dirts and stains will cause vertical lines on transmitted images and copies.
- ♦ Adhesive cellophane tape is useful for removal of debris from the rollers.



The housing

Wipe the external parts and surface of the machine with a dry cloth.

Caution!

- Do not use benzene or thinner. These solvents may damage or discolor the machine.

Chapter 11

Troubleshooting

Problems and Solutions

If you have any problems with your fax, first refer to the following troubleshooting guide. If you cannot solve the problem, call Sharp's Customer Assistance Center at 1-800-BE SHARP.

Answering machine hookup

Problem	Check and remedy
The answering machine hookup does not operate properly.	• Make sure your fax machine's reception mode is set to A.M. • Make sure your fax machine's **TEL. LINE** jack is connected to the wall jack. Make sure your fax machine's **TEL. SET** jack is connected to your answering machine's telephone line jack (not the answering machine's extension phone jack). • Make sure your answering machine's outgoing message is under 10 seconds. • Make sure that Option Setting 9 (Quiet Detect Time) is set to three or four seconds (see Chapter 8). • Make sure that the Distinctive Ring function is set to OFF SETTING (see "Distinctive Ring" in Chapter 7). • If you have checked all of the above and the hookup still doesn't operate properly, call the Customer Assistance Center.

Line error

Problem	Check and remedy
LINE ERROR appears in the display and/or a transaction report is printed out with **COM. E-1, 2, 3, 4, 5, 6,** or **7** in the **NOTE** column.	• Try the transaction again. If the error persists, check the following: • Check the hookup. The cord from the **TEL. LINE** jack to the wall jack should be no longer than six feet. • Make sure there are no modem devices sharing the same telephone line. • Check with the other party to make sure their fax machine is functioning properly. • Have your telephone line checked for line noise. • Try connecting your fax to a different telephone line. • If the problem still occurs, your fax machine may need service.

Dialing and transmission problems

Problem	Check and remedy
No dial tone when you pick up the handset or press the **SPEAKER** key.	• Make sure the handset cord is connected to the correct jack. See "Handset" in "Connections" in Chapter 1.
Dialing is not possible.	• Make sure the power cord is properly plugged into a power outlet. • Make sure that the telephone line is properly connected to both the **TEL. LINE** jack and the wall jack. • Make sure that the fax is set to the correct dialing mode for your telephone line. See Option Setting 8 in Chapter 8.

The power is on, but no transmission takes place.	• Make sure that the receiving machine has fax paper. • Make sure that the telephone line cord is plugged into the **TEL. LINE** jack, and not the **TEL. SET** jack. • If the receiving machine is in manual mode with no attendant, reception will not be possible. • If the receiving machine is not a Sharp model, make sure it is G3 compatible. • Check the display for error messages.
Nothing is printed at the receiving end.	• Pick up the handset and check for a dial tone. • Make sure that the document for transmission is placed face down in the feeder. • Make sure that the fax paper is properly loaded in the receiving machine.
A distorted image is received at the other end.	• Noise on the telephone line may cause distortion. Try sending the document again. • Make a copy of the document on your fax. If the copy is also distorted, your fax may need servicing.

Reception and copying problems

Problem	Check and remedy
The fax machine doesn't receive documents automatically.	• Make sure that the reception mode is set to FAX. If you subscribe to a distinctive ring service, make sure that the Distinctive Ring function is set to the correct ring pattern. If you do not subscribe to a distinctive ring service, make sure that Distinctive Ring is set to OFF SETTING. (See "Distinctive Ring" in Chapter 7.)
The power is on, but no reception takes place.	• Make sure that the wall jack is connected to the **TEL. LINE** jack, and **not** the **TEL. SET** jack.
The fax paper does not come out.	• The fax paper may be jammed. See "Clearing jammed fax paper" in this chapter.

The fax paper comes out blank when you try to receive or copy a document.	• Make sure that the fax paper is properly loaded in your fax. (If the roll has been loaded backwards, nothing will be printed.) • For reception, make sure that the document for transmission is loaded face down in the feeder of the transmitting machine.
The received document is faint.	• Make sure that you are using the recommended fax paper. See "Loading the Fax Paper" in Chapter 1. • Ask the other party to send higher contrast documents. If the contrast is still too low, your fax may have a problem. Make a copy to check it.
Received images are distorted.	• Noise on the telephone line may cause distortion. Have the other party try sending the document again. • The print head may be dirty. See "Fax print head" in Chapter 10. • Make a copy of another document on your fax. If the copy is also distorted, your fax may need servicing.
Copies are distorted.	• Make sure that you are using the recommended fax paper. See "Loading the Fax Paper" in Chapter 1. • Make sure that the fax paper is properly loaded in your machine. • The print head may be dirty. See "Fax print head" in Chapter 10.
Reception/copying is interrupted.	• If reception or copying has been done continuously for a long time, the print head may have become overheated. Turn off the power and let it cool down.
A received document or copy prints out in strips.	• Make sure the operation panel is completely closed (press down on both sides).

General problems

Problem	Check and remedy
Nothing appears in the display.	• Make sure the power cord is properly plugged into a power outlet. • Connect another electrical appliance to the outlet to see if it has power.
The fax does not respond when you press any of its keys.	• If a beep sound is not made when you press the keys, unplug the power cord and then plug it back in several seconds later.
Automatic document feeding does not work for transmission or copying.	• Check the size and weight of the document (see "Transmittable documents" in Chapter 2).
Voice calls taken on an extension phone are interrupted by the fax.	• The fax may interrupt during a voice call if the reception mode is set to A.M. To prevent interruption on a touch-tone extension phone, press any three keys on the extension phone after answering. (Note: Do not enter the code to activate fax reception.)
No reception occurs when polling is attempted.	• Make sure you have not run out of fax paper. • Make sure the transmitting machine is in automatic reception mode. • If the transmitting machine has polling security, make sure that your fax number has been entered both in your fax and in the transmitting machine.

Messages and Signals

Display messages

Note: If you have turned on the Caller ID function, see "Caller ID" in Chapter 7 for display messages related to Caller ID.

DOCUMENT JAMMED	The original document is jammed. See the following section, "Clearing Paper Jams".
FUNCTION MODE	The **FUNCTION** key has been pressed.
HOLD	The **HOLD/SEARCH** key has been pressed to put the other party on hold during a phone conversation. Press the **HOLD/SEARCH** again to take the other party off hold.
LINE ERROR	Transmission or reception was not successful. Press **STOP** to clear the message, and then try again. If the error persists, see "Line Error" in "Problems and Solutions" in this chapter.
LINE IS IN USE	An extension phone connected to the fax is being used. Do not lift the fax's handset or attempt transmission at this time, as this will interrupt the conversation on the extension phone.
NO DATA	This appears if you attempt to search for an automatic dialing number when none have been stored.
NO # STORED	You have tried to dial or clear a Rapid Key or Speed Dial number that hasn't been programmed (a full number hasn't been assigned to it).
OUT OF PAPER	You have run out of fax paper. Load a new roll of fax paper as described in "Loading the Fax Paper" in Chapter 1.
ON HOOK DIAL	The **SPEAKER** key has been pressed and the fax is waiting for you to dial. (To return to the date and time display, press the **SPEAKER** key again.)
OVER HEAT	The print head has overheated. Operation can be continued once it cools.

PAPER JAMMED	The fax paper is jammed. See the following section, "Clearing Paper Jams". (UX-178/188 only)
READY TO SEND	A document has been loaded and the fax is waiting for transmission or copying instructions.
RECALLING	This appears if you attempt to send a fax by automatic dialing and the line is busy or the receiving fax machine does not answer. Your fax machine will automatically reattempt the call. (See "Automatic Redialing" in "Sending a Fax by Automatic Dialing" in Chapter 2.)
SEARCH DIAL	The **HOLD/SEARCH** key has been pressed. Press **#** or * to search for an automatic dialing number, or press **STOP** to return to the data and time display. (See "Using the **HOLD/SEARCH** key" in "Sending a Fax by Automatic Dialing" in Chapter 2.)
TOTAL PAGE(S) 01	Number of pages transmitted, received, or copied.

Audible signals

Continuous tone	3 seconds	Indicates the end of transmission, reception, or copying.
Intermittent tone (3 beeps)	5 seconds (1 second on, 1 second off)	Indicates incomplete transmission, reception, or copying.
Rapid intermittent tone	35 seconds (0.7 seconds on, 0.3 seconds off)	Indicates that the handset is off hook.

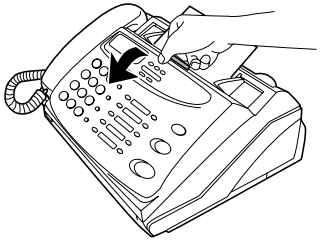
Clearing Paper Jams

Clearing a jammed document

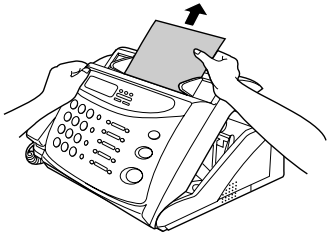
If the original document doesn't feed properly during transmission or copying, or DOCUMENT JAMMED appears in the display, first try pressing the **START** key. If the document doesn't feed out, open the operation panel and remove it.

Important:
Do not try to remove a document without opening the operation panel. This may damage the feeder mechanism.

1 Pull the release marked **PANEL RELEASE** toward you and open the operation panel.

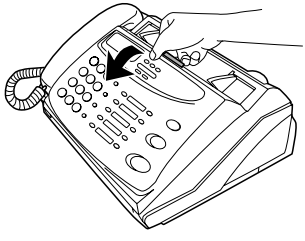


2 Remove the document.



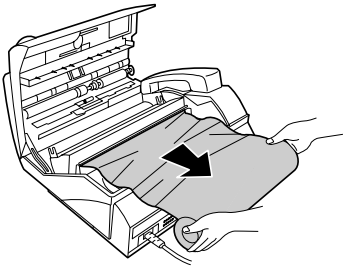
Clearing jammed fax paper

1 Pull the release marked **PANEL RELEASE** toward you and open the operation panel.

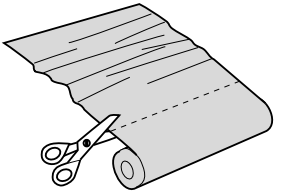


2 Remove the paper roll.

- **UX-178/188**: If any pieces of paper are stuck in the cutter, remove them with caution.
- **UX-178/188:** Press the **START** key to reset the cutter.

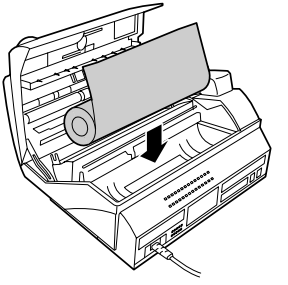


3 Cut off the wrinkled part of the paper.



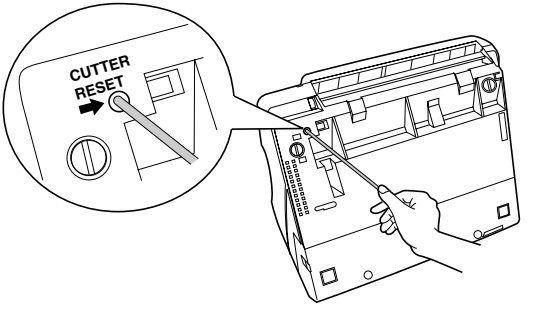
4 Reload the paper.

- Jammed fax paper is often caused by improper loading. Be sure to carefully follow the instructions for paper loading given in "Loading the Fax Paper" in Chapter 1.



If the display still shows PAPER JAMMED (UX-178/188 only)

If the display still shows PAPER JAMMED after you press the **START** key in Step 2 above, the cutter is still engaged in the cutting position. To open the cutter, turn the fax up on its rear end and insert any long, rod-like object with a flat or blunt end into the hole marked **CUTTER RESET**. Continue to push the rod in until you feel it move a lever inside the machine.



Ordering parts

To order parts, contact the parts distribution center located nearest you. When ordering a part, use the part order number shown below.

Operation manual	TINSE3745XHZZ
Rapid Key labels	TLABH4237XHZZ
Handset cord	**UX-108/UX-178:** QCNW-4787XHAG
	UX-188: QCNW-4787XHBE
Telephone line cord	QCNW-3975XHGY
Handset	**UX-108/UX-178:** DUNTK369BXHSG
	UX-188: DUNTK369BXHBE

Parts distribution centers

Panson Electronics
I-80 and New Maple Ave.
Pine Brook, NJ 07058
Tel: 1-800-255-5229
Fax: 1-800-332-3922

Tritronics, Inc.
1306 Continental Drive
Abingdon, MD 21009
Tel: 1-800-638-3328
Fax: 1-800-888-FAXD

Tritronics, Inc.
1015 NW 52nd Street
Ft. Lauderdale, FL 33309
Tel:1-800-365-8030
Fax: 1-800-999-FAXD

Fox International, Ltd.
23600 Aurora Road
Bedford Heights, OH 44146
Tel: 1-800-321-6993
Fax: 1-800-445-7991

Andrews Electronics
25158 Avenue Stanford
Santa Clarita, CA 91355
Tel: 1-800-274-4666
Fax: 1-805-295-5126

Sharp Accessories and Supply Center
2130 Townline Road
Peoria, IL 61615
Tel: 1-800-642-2122

FCC Regulatory Information

This equipment complies with FCC rules, Part 68. On this equipment is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. If requested, this information must be provided to your telephone company.

An FCC compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. This equipment connects to the telephone network through a standard USOC RJ-11C network interface jack.

The REN is used to determine the quantity of devices which may be connected to your telephone line and still have all of those devices ring when your number is called. Too many devices on one line may result in the devices not ringing in response to an incoming call. In most, but not all, areas as the sum of the RENs of all devices should not exceed five (5.0). To be certain of the number of devices that may be connected to your line, as determined by the total RENs, contact your local telephone company.

If this equipment causes harm to the telephone network, your telephone company may disconnect your service temporarily. If possible, they will notify you in advance. If advance notice is not practical, you will be notified as soon as possible. You will also be advised of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of your equipment. If this happens, the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If you have any questions or problems which cannot be solved by reading this manual, please contact Sharp's Customer Information Center. The number is 1-800-BE SHARP. If the equipment is causing harm to the telephone network, your telephone company may ask you to disconnect the equipment until the problem have been resolved.

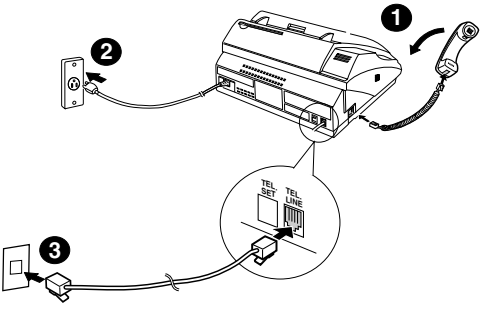
This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. Contact your state's public utility commission, public service commission, or corporation commission for more information.

This equipment is hearing-aid compatible.

When programming and/or making test calls to emergency numbers:

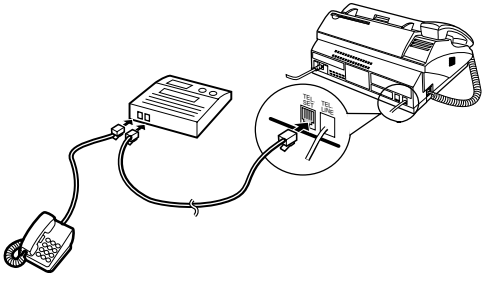
- Remain on the line and briefly explain to the dispatcher the reason for the call.
- Perform such activities in the off-peak hours, such as early morning or late evening.

INSTALACIÓN



1. Conecte el microtelfono como se muestra.
2. Enchufe la unidad en su toma de CA de la pared.
3. Conecte la toma **TEL LINE** a su toma telefnica de la pared

INSTALACIÓN CON UN CONTESTADOR AUTOMÁTICO Y UN TELFONO DE EXTENSIÓN



1. Quite el sello que cubre la toma **TEL SET** del panel trasero del facsmile. Conecte el telfono de extensin a la toma **TEL SET**.
2. Conecte la toma **TEL LINE** del contestador autom tico a la toma **TEL SET** del facsmile.

INTRODUCCIÓN DE SU NOMBRE Y NÚMERO

1. Presione: FUNCTION (3) (#) (#)

El visualizador mostrar: OWN NUMBER SET

2. Presione: START

3. Introduzca su nmero de fax empleando el teclado. Se pueden introducir un máximo de 20 dgitos.

♦ Si se equivoca, pulse la tecla HOLD/SEARCH para mover el cursor al error. Al introducir el dato correcto se borra el error.

4. Presione: START

5. Introduzca su nombre empleando el teclado.

♦ Para introducir dos letras seguidas que requieran emplear la msma tecla, pulse la tecla SPEAKER despus de introducir la primera letra.

A = (2)(2)	J = (5)(5)	T = (8)(8)
B = (2)(2)(2)	K = (5)(5)(5)	U = (8)(8)(8)
C = (2)(2)(2)(2)	L = (5)(5)(5)(5)	V = (8)(8)(8)(8)
D = (3)(3)	M = (6)(6)	W = (9)(9)
E = (3)(3)(3)	N = (6)(6)(6)	X = (9)(9)(9)
F = (3)(3)(3)(3)	O = (6)(6)(6)(6)	Y = (9)(9)(9)(9)
G = (4)(4)	P = (7)(7)	Z = (9)(9)(9)(9)(9)
H = (4)(4)(4)	Q = (7)(7)(7)	SPACE = (1)(1)
I = (4)(4)(4)(4)	R = (7)(7)(7)(7)	
	S = (7)(7)(7)(7)(7)	

Borra la letra resaltada
Tecla de cambio de maysculas/minsculas
Mueve el cursor hacia la izquierda
Mueve el cursor hacia la derecha

Para desplazarse a travs del grupo de smbolos.

6. Presione: START STOP

INSERCION DE FECHA Y HORA

Presione: FUNCTION 3 ✳ ✳ ✳ ✳

El visualizador mostrar: DATE & TIME SET

Presione: START

Introduzca 2 dgitos para el mes (01 a 12).
Introduzca 2 dgitos para el da del mes(01 a 31).
Introduzca 4 dgitos para el ao (Ex: 1998).
Introduzca 2 dgitos para la hora (01 a 12).
Introduzca 2 dgitos para el minuto (00 a 59).
Pulse: "* " para AM o "#" para PM.
Despus de introducir todos los caracteres,
pulse: START STOP

MEMORIZACIÓN Y BORRADO DE NÚMEROS DE LAS MARCAS AUTOMÁTICAS

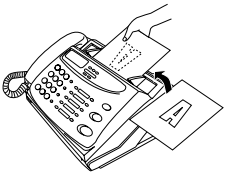
1. Presione: FUNCTION 3 #

   El visualizador muestra: FAX/TEL # MODE

2. Presione: 1
   Presione "**2**" y luego introduzca un nmero de dos dgitos para designar el nmero de marcacin r pida.
3. Introduzca un nmero de dos dgitos ("01" a "30") para designar el nmero de marcacin r pida. ste ser el nmero de dos dgitos qu usted emplear para marcar el nmero que est introduciendo.
4. Presione: START
5. Introduzca el nombre del lugar o de la persona al que pertenece este nmero de marcacin rápida (máximo de 20 caracteres).
6. Presione: START STOP
7. Repita los pasos 1 a 3 para continuar memorizando nmeros de marcacin rápida o cambiando nmeros viejos. O Pulse: STOP para abandonar esta funcin.
   Presione: START

ENVO DE DOCUMENTOS

Ponga su documento (hasta 10 p ginas) con el lado impreso hacia abajo en el alimentador de documentos.



Marcacin normal SPEAKER

1. Levante el microtelfono o pulse
2. Marque el nmero de fax empleando el teclado.
3. Espere a or el tono de recepcin.
4. Presione: START

Marcacin con teclas rápidas

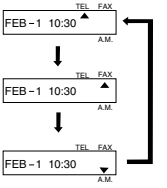
Marcacin mediante tecla rápida: Pulse la tecla rápida apropiada y la transmisin empezar automáticamente.

Marcacin veloz

1. Presione: SPEED DIAL
2. Introduzca el nmero de marcacin rápida empleando el teclado.
3. Presione: START

RECEPCIÓN DE DOCUMENTOS

Presione: RECEPTION MODE



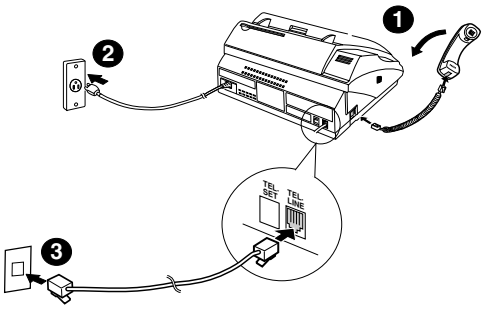
FAX modo: El fax sonar cuatro veces y recibir automáticamente los documentos entrantes.

TEL modo: → Tono de fax → START → RECEIVING

A.M. modo: Elija este modo cuando Vd. va a salier y desea que el contestador integrado conteste todas las llamadas.

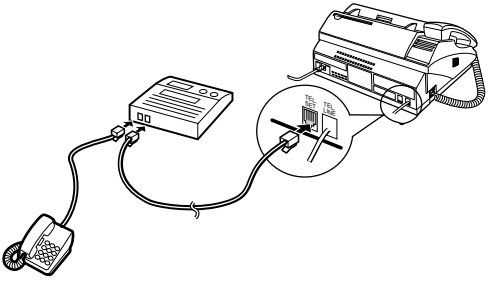
QUICK REFERENCE GUIDE

INSTALLATION



1. Connect the handset as shown.
2. Plug the power cord into a grounded, 120 V outlet.
3. Plug one end of the telephone line into the **TEL. LINE** jack on the rear of the fax, and the other end into your telephone wall jack.

Connecting an answering machine and/or extension telephone



1. Remove the seal covering the **TEL. SET** jack on the rear of the fax. Connect an extension telephone or answering machine to the **TEL. SET** jack.
2. If desired, connect an extension phone to the answering machine.

ENTERING YOUR NAME AND NUMBER

1. Press: FUNCTION (3) (#) (#)

   Display shows: OWN NUMBER SET

2. Press: START

3. Enter your fax number (max. of 20 digits) by pressing the number keys.

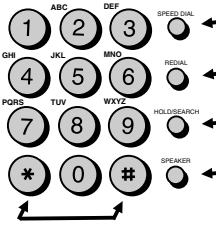
♦ If you make a mistake, press the **HOLD/SEARCH** key to move the cursor back to the mistake, then enter the correct number or letter.

4. Press: START

5. Enter your name by pressing the appropriate number keys as shown below.

♦ To enter two letters in succession that require the same key, press the **SPEAKER** key after entering the first letter.

A = (2)(2)	J = (5)(5)	T = (8)(8)
B = (2)(2)(2)	K = (5)(5)(5)	U = (8)(8)(8)
C = (2)(2)(2)(2)	L = (5)(5)(5)(5)	V = (8)(8)(8)(8)
D = (3)(3)	M = (6)(6)	W = (9)(9)
E = (3)(3)(3)	N = (6)(6)(6)	X = (9)(9)(9)
F = (3)(3)(3)(3)	O = (6)(6)(6)(6)	Y = (9)(9)(9)(9)
G = (4)(4)	P = (7)(7)	Z = (9)(9)(9)(9)(9)
H = (4)(4)(4)	Q = (7)(7)(7)	SPACE = (1)(1)
I = (4)(4)(4)(4)	R = (7)(7)(7)(7)	
	S = (7)(7)(7)(7)(7)	



Deletes highlighted letter

Upper/lower case shift key

Moves cursor to the left.

Moves cursor to the right.

Press either key one or more times to select and enter a symbol.

6. When finished, press: START STOP

SETTING THE DATE AND TIME

Press: FUNCTION 3 ✳ ✳ ✳ ✳

Display shows: DATE & TIME SET

Press the **START** key: START

Enter two digits for the Month (01 through 12).
Enter two digits for the Day (01 through 31).
Enter four digits for the Year (Ex: 1998).
Enter two digits for the Hour (01 through 12).
Enter two digits for the Minute (00 through 59).
Press the * key for A.M. or the **#** key for P.M.
When finished, press: START STOP

STORING AND CLEARING NUMBERS FOR AUTO DIALING

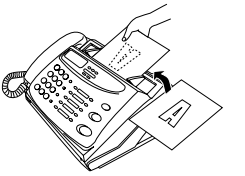
1. Press: FUNCTION 3 #

   Display shows: FAX/TEL # MODE

2. Press **1** to store a number or **2** to clear a number.
3. Enter a 2-digit Speed Dial number (from 01 to 10 for Rapid Key Dialing, or 11 to 30 for Speed Dialing). (If you are clearing a number, go to Step 7.)
4. Enter the full telephone/fax number.
5. Press: START
6. Enter the name of the location by pressing number keys (max. of 20 characters). (Refer to the letter entry table in *ENTERING YOUR NAME AND NUMBER*.)
7. Press: START STOP

SENDING DOCUMENTS

Place your document (up to 10 pages) face down in the document feeder.



Normal Dialing

1. Lift the handset or press SPEAKER
2. Dial the fax number.
3. Wait for the reception tone (if a person answers, ask them to press their Start key).
4. Press: START

Rapid Key Dialing

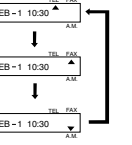
Press the appropriate Rapid Key. Transmission will begin automatically.

Speed Dialing

1. Press: SPEED DIAL
2. Enter 2-digit Speed Dial number.
3. Press: START

RECEIVING DOCUMENTS

Press: RECEPTION MODE



FAX mode: The fax automatically answers on four rings and receives the incoming document.

TEL mode: Fax tone START

RECEIVING

A.M. mode: Select this mode when an answering machine is connected to the fax and the answering machine is turned on.

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LIMITED WARRANTY

SHARP ELECTRONICS CORPORATION warrants to the first end user purchaser that this Sharp brand product (the "Product"), when shipped in its original container, will be free from defective workmanship and materials, and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof with a new or remanufactured equivalent at no charge to the purchaser for parts or labor for the period(s) set forth below.

This warranty does not apply to any appearance items of the Product nor to the additional excluded item(s) set forth below nor to any product the exterior of which has been damaged or defaced, which has been subjected to misuse, abnormal service or handling, or which has been altered or modified in design or construction.

In order to enforce the rights under this limited warranty, the purchaser should follow the steps set forth below and provided proof of purchase to the servicer.

To the extent permitted by applicable state law, the warranties set forth herein are in lieu of, and exclusive of, all other warranties, express or implied. Specifically,ALL OTHER WARRANTIES OTHER THAN THOSE SET FORTH ABOVE ARE EXCLUDED. ALL EXPRESS AND IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR USE, AND FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED. If, under applicable state law, implied warranties may not validly be disclaimed or excluded, the duration of such implied warranties is limited to the period(s) from the date of purchase set forth below.

Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described above, or to extend the duration of any warranties beyond the time period described above on behalf of Sharp.

The warranties described herein shall be the sole and exclusive warranties granted by Sharp and shall be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of Sharp to the purchaser with respect to the Product, and shall constitute full satisfaction of all claims, whether based on contact, negligence, strict liability or otherwise. In no event shall Sharp be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than an authorized servicer. Nor shall Sharp be liable or in any way responsible for any incidental or consequential economic or property damage. Some states do not allow limits on warranties or on remedies for breach in certain transactions; in such state the limits herein may not apply.

Your Product:	Personal Facsimile
Warranty Period for this Product:	Ninety (90) days parts and labor from date of purchase.
Additional items excluded from warranty coverage:	Any consumable items such as paper supplied with the Product.
Where to obtain service:	At a Sharp Authorized Servicer located in the United States. To find out the location of the nearest Sharp Authorized Servicer, call Sharp toll free at 1--800-BE-SHARP.
What to do to obtain service:	Ship (prepaid) or carry in your Product to a Sharp Authorized Servicer. Be sure to have proof of purchase available. If you ship or mail the Product, be sure it is packaged carefully.

For product information or customer assistance, please visit **http://www.sharp-usa.com** on the World Wide Web or call **1-800-BE SHARP**.

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Sharp Plaza,
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